



6. Code Lists

6.1. Acidification Measurement Protocol Code

GS1 Code List	AcidificationMeasurementProtocolCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
LIME2	LIME2
OTHER	Code value not available in code list.
RECIPE	RECIPE
TRACI	TRACI

6.2. Acidification Measurement Reference Substance Code

GS1 Code List	AcidificationMeasurementReferenceSubstanceCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
KG_SO2_EQ_PER_FU	Kilogram SO2 equivalent per functional unit.
H_PLUS_EQ_PER_YR_PER_FU	H Plus equivalent per year per functional unit.
OTHER	Code value not available in code list.

6.3. Allergen Type Code

GS1 Code List	AllergenTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
AA	Refers to the presence of Amylcinnyl Alcohol as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName.
AC	Refers to the presence of Crustaceans and their derivatives in the product, as



	listed as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName
AE	Refers to the presence of eggs and their derivatives in the product, as listed as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName
AF	Refers to the presence of Fish and their derivatives in the product, as listed in as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName
AH	Refers to the presence of Anise Alcohol as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName.
AI	Refers to the presence of Alpha-Isomethyl Ionone as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName.
AL	Refers to the presence of Amyl Cinnamal as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName.
AM	Refers to the presence of milk and their derivatives in the product, as listed in as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName
AN	Refers to the presence of tree nuts and their derivatives in the product, as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName. Tree nuts can include almonds, hazelnut, walnut, cashews, etc.
AP	Refers to the presence of peanuts and their derivatives in the product, as listed in as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName
AS	Refers to the presence of sesame seeds or their derivatives in the product, as listed in as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName
AU	Refers to the presence of Refers to the presence Sulphur Dioxide and Sulphites in the product, as listed in as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName
AW	Refers to the presence of cereals containing gluten and their derivatives in the product, as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName
AX	Refers to the presence of other gluten containing grain and gluten containing grain products as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName.
AY	Refers to the presence of soybeans and their derivatives in the product, as listed in as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName
BA	Refers to the presence of Benzyl Alcohol as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName.
BB	Refers to the presence of Benzyl Benzoate as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName.
BC	Refers to the presence of celery or their derivatives in the product, as listed in as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName
BE	Refers to the presence of 2-(4-tert-Butylbenzyl) also known as Butylphenyl Methylpropional-as listed in the regulations specified in the AllergenSpecificationAgency and AllergenSpecificationName..
BF	Refers to the presence of beef and its derivative in the product, as listed in the regulations specified in AllergenSpecificationAgency and



	AllergenSpecificationName
BI	Refers to the presence of Benzyl Cinnamate as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName.
BM	Refers to the presence of mustard or their derivatives in the product, as listed in as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName
BN	Refers to the presence of Isoeugenol as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName
BO	Refers to the presence of d-Limonene as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName
BP	Refers to the presence of Linalool as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName
BQ	Refers to the presence of Methyl heptin carbonate as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName
BS	Refers to the presence of Benzyl Salicylate as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName.
CA	Refers to the presence of Cinnamyl Alcohol as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName.
CL	Refers to the presence of Cinnamal as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName.
CM	Refers to the presence of chicken meat and its derivative in the product, as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName
CN	Refers to the presence of Citronellol as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName.
CO	Refers to the presence of Coumarin as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName.
CT	Refers to the presence of Citral as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName.
EG	Refers to the presence of Eugenol as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName.
EP	Refers to the presence of Oak moss extract (Evernia Prunastri) as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName.
EV	Refers to the presence of Treemoss extract (Evernia Furfuracea) as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName
FA	Refers to the presence of Farnesol as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName.
GB	Refers to the presence of Barley and barley products (gluten containing grain) as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName.
GE	Refers to the presence of Geraniol as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName.
GK	Refers to the presence of kamut and kamut products (gluten containing grain) as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName.
GL	Refers to the presence of glutamate and its derivative in the product, as listed in the regulations specified in AllergenSpecificationAgency and



	AllergenSpecificationName
GO	Refers to the presence of oat and oat products (gluten containing grain) as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName.
GS	Refers to the presence of spelt and spelt products (gluten containing grain) as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName.
HC	Refers to the presence of-Hydroxymethylpentylcyclohexenecarboxaldehyde as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName.
HX	Refers to the presence of Hexyl Cinnamaldehyde-as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName.
HY	Refers to the presence of Hydroxycitronellal as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName.
ML	Refers to the presence of lactose as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName.
MO	Refers to the presence 3 Methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName..
NC	Refers to the presence of cocoa and their derivatives in the product, as listed in as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName
NE	Refers to the presence of peas and pea products as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName.
NK	Refers to the presence of coriander and their derivatives in the product, as listed in as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName
NL	Refers to the presence of Lupine and their derivatives in the product, as listed in as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName
NM	Refers to the presence of corn and their derivatives in the product, as listed in as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName
NP	Refers to the presence of pod fruits and their derivatives in the product, as listed in as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName
NR	Refers to the presence of rye and their derivatives in the product, as listed in as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName
NW	Refers to the presence of carrot and their derivatives in the product, as listed in as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName
PO	Refers to the presence of pork and its derivative in the product, as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName
SA	Refers to the presence of almond and almond products as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName.
SB	Refers to the presence of seed products as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName



SC	Refers to the presence of cashew and cashew products as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName.
SH	Refers to the presence of hazelnut and hazelnut products as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName.
SM	Refers to the presence of macadamia nut and macadamia nut products as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName
SP	Refers to the presence of pecan nut and pecan nut products as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName.
SQ	Refers to the presence of queensland nut and queensland nut products as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName.
SR	Refers to the presence of brazil nut and brazil nut products as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName.
ST	Refers to the presence of pistachio and pistachio products as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName.
SW	Refers to the presence of walnut and walnut products as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName
SX	Refers to the presence of pulses. An annual leguminous crop yielding from one to twelve seeds of variable size, shape, and colour within a pod as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName. Pulses are used for food and animal feed. The term "pulse", as used by the Food and Agricultural Organization (FAO), is reserved for crops harvested solely for the dry seed. This excludes green beans and green peas, which are considered vegetable crops. Also excluded are crops that are mainly grown for oil extraction
UM	Refers to the presence of molluscs and their derivatives in the product, as listed in as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName
UN	Refers to the presence of shellfish as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName
UW	Refers to the presence of wheat and their derivatives in the product, as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName
X99	Does not contain declaration obligatory allergens as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName.



6.4. Application Identifier Type Code

GS1 Code List	ApplicationIdentifierTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
10	Batch Number
15	Best Before Date
17	Expiry date
310N	Net Weight in Kilogram ("n" indicates the number of decimals)

6.5. Aquatic Eutrophication Water Body Type Code

GS1 Code List	AquaticEutrophicationWaterBodyTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
RECEIVING_MEDIA_FRESHWATER	Water that does not contain a large amount of salt.
RECEIVING_MEDIA_MARINE_WATER	Of, found in, or produced by the sea
OTHER	Code value not available in code list.

6.6. Aquatic Eutrophication Model Code

GS1 Code List	AquaticEutrophicationModelCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
EDIP2003	EDIP2003
LIME2	LIME2
OTHER	Code value not available in code list.
RECIPE	RECIPE
TRACI	TRACI



6.7. Aquatic Eutrophication Reference Substance Code

GS1 Code List	AquaticEutrophicationReferenceSubstanceCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
KG_P_EQ_PER_FU	Kilograms P equivalent per functional unit.
KG_N_EQ_PER_FU	Kilograms N equivalent per functional unit.
OTHER	Code value not available in code list.

6.8. Aspect Ratio Description Code

GS1 Code List	AspectRatioDescriptionCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
ANAMORPHIC	A widescreen picture on standard 35 mm film, or other visual recording media, with a non-widescreen native aspect ratio.
ANAMORPHIC_FULLSCREEN	A video encoding technique used to optimize the vertical picture resolution for full screen.
ANAMORPHIC_WIDESCREEN	Anamorphic widescreen is a video encoding technique used to optimize the vertical picture resolution of widescreen images by squeezing these horizontally into a 4:3 native aspect ratio.
FULLSCREEN	A fullscreen image or video occupies the screen entirely. A video display having an aspect ratio of 4:3
FULLSCREEN_WIDESCREEN	Not Available
WIDESCREEN	A widescreen film is any film image with a width-to-height aspect ratio greater than the standard 1.37:1 aspect ratio provided by 35mm film.



6.9. Aspect Ratio Dimension Code

GS1 Code List	AspectRatioDimensionCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
1_33	An aspect ratio of 1:33
1_33_2_40	An Aspect ratio of 1:33 to 2:40
1_33_1_85	An Aspect ratio of 1:33 to 1:85
1_33_2_35	An Aspect ratio of 1:33 to 2:35
1_55	An Aspect ratio of 1:55
1_66	An Aspect ratio of 1:66
1_77	An Aspect ratio of 1:77
1_78	An Aspect ratio of 1:78
1_85	An Aspect ratio of 1:85
2_20	An Aspect ratio of 2:20
2_35	An Aspect ratio of 2:35
1_85_2_33	An Aspect ratio of 1:85 to 2:33
2_40	An Aspect ratio of 2:40
2_55	An Aspect ratio of 2:55
4_3	An Aspect ratio of 4:3.

6.10. Audio Sound Type Code

GS1 Code List	AudioSoundTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
BETA_HIFI	High fidelity audio introduced by Sony.
BETA_HIFI_DOLBY_SURROUND_SOUND	High fidelity audio with Dolby Surround Sound introduced by Sony.
BETA_HIFI_M_C_D_SURROUND_SOUND	High fidelity audio introduced by Sony.
BETA_HIFI_STEREO_DIGITAL_MAST	Digitally mastered high fidelity audio introduced by Sony.
BETA_HIFI_STEREO_DIGITAL_REC	Digitally recorded high fidelity audio introduced by Sony.
BETA_HIFI_STEREO_M_C	High fidelity audio introduced by Sony.



DIGITALLY_MASTERED	Digitally mastered.
DIGITALLY_RECORDED	Digitally recorded.
DOLBY_DIGITAL_5_0	Dolby Digital
DOLBY_DIGITAL_5_0_DSS	Dolby Digital in the DSS audio file format.
DOLBY_DIGITAL_5_1	Dolby Digital with 5.1-channel audio
DOLBY_DIGITAL_5_1_DSS	Dolby Digital with 5.1-channel audio in the DSS audio file format.
DOLBY_DIGITAL_5_1_DTS	Dolby Digital with 5.1-channel audio in the DSS audio file format.
DOLBY_MPMTRX_HIFI	Dolby MPMTRX with high fidelity.
DOLBY_MPMTRX_STEREO	Dolby MPMTRX recorded in stereo.
DOLBY_STEREO	Stereo with Dolby noise reduction.
DOLBY_STEREO_4_0	Dolby Digital with 5.1-channel audio.
DOLBY_STEREO_HIFI	Dolby recorded in high fidelity stereo.
DVD_DOLBY_SURROUND_SOUND	DVD format with Dolby Surround Sound introduced by Sony.
LASER_DOLBY_SURROUND_SOUND	Laser Disc format with Dolby Surround Sound introduced by Sony.
MONO	Monophonic reproduction.
MONO_HIFI	High fidelity monophonic reproduction.
STEREO	Stereo.
STEREO_HIFI	High fidelity stereo.
ULTRA_SOUND	Ultra sound audio.
ULTRA_STEREO	A cinema sound system that was developed in 1984.
VHS_DOLBY_STEREO_D_M	VHS format.
VHS_DOLBY_STEREO_D_R	VHS format in stereo with dynamic range.
VHS_HIFI	VHS format recorded in high fidelity.
VHS_HIFI_DOLBY_SURROUND_SOUND	VHS format with dolby surround sound.
VHS_HIFI_M_C_D_SURROUND_SOUND	VHS format.
VHS_HIFI_STEREO_D_M	High fidelity VHS format
VHS_HIFI_STEREO_D_R	High fidelity VHS format.
VHS_HIFI_STEREO_D_STRO_D_M	High fidelity VHS format.
VHS_HIFI_STEREO_D_STRO_D_R	VHS format in high fidelity stereo with dynamic range.
VHS_HIFI_STEREO_D_SYS_D_M	VHS format in high fidelity stereo
VHS_HIFI_STEREO_D_SYS_D_R	VHS format in hi fidelity stereo with dynamic range.
VHS_HIFI_STEREO_DOLBY_STRO_M_C	VHS format in High fidelity stereo
VHS_HIFI_STEREO_DOLBY_SYS_M_C	VHS format in High fidelity stereo
VHS_HIFI_STEREO_M_C	VHS format in High fidelity stereo



6.11. Audio Visual Connection Input Direction Code

GS1 Code List	AudioVisualConnectionInputDirectionCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
INPUT	Transmission into a device
OUTPUT	Transmission out of a device

6.12. Audio Visual Connection Location Code

GS1 Code List	AudioVisualConnectionLocationCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
BACK	Located on the back of the unit.
BOTTOM	Located on the bottom of the unit.
FRONT	Located on the front of the unit.
LEFT	Located on the left side of the unit.
NOT_APPLICABLE	A statement that an affirmative or negative response is not required for the attribute.
OTHER	A connection location not otherwise on this list.
RIGHT	Located on the right side of the unit.
TOP	Located on the top of the unit.

6.13. Audio Visual Connection Type Code

GS1 Code List	AudioVisualConnectionTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
3_5_MM_STEREO_HEADPHONE_PROJECTED_JACK	A headphone jack with a diameter of 3.5 millimetres.
1_5_MM_MINI_STEREO_JACK	A wired stereo headphone jack with an approximate diameter of 1.5 millimetres.
3_5_MM_STEREO_HEADPHONE_JACK	A wired stereo headphone jack with an approximate diameter of 3.5 millimetres.
4_PIN_4_PIN	A connector that allows for 4 pins on both sides of the connecting wire.
6_PIN_4_PIN	A connector that allows for 6 pins on one side and 4 pins of the connecting wire.
6_PIN_6_PIN	A connector that allows for 6 pins on both sides of the connecting wire.
A_A	Not available.
A_B	Not available.
ANALOGUE	A connector that communicates analogue signals.
BLUETOOTH	A wireless protocol for exchanging data over short distances.
AV	Any kind of electrical connectors for carrying audio signal and video signal of either analogue or digital format.
COAXIAL	An electrical cable with an inner conductor surrounded by a tubular insulating layer.
COMPONENT_BNC	A connector is used for radio frequency signal connections, for analogue and Serial Digital Interface video signals, amateur radio antenna connections, aviation electronics (avionics) and many other types of electronic test equipment.
COMPONENT_RCA	A type of electrical connector commonly used to carry audio and video signals.
DV_INPUT	A digital video input.
FIREWIRE	A serial bus interface
HDMI	A compact audio/video interface for transmitting uncompressed digital data.
HUSHIDEN_YC	A connector with separate lines for brightness (Y, luminance with synchronization data) and color (C, chrominance) via a 4-pin Hosiden connector.
INFRARED_HEADPHONE	A connection for head phones using electromagnetic



	radiation.
LAN	Local area network connector.
MINI_HDMI	A form of compact audio/video interface for transmitting uncompressed digital data.
MINI_USB	A form of Universal Serial Bus connector.
MONITOR	A connector used to connect systems with display monitors.
NETWORK	A connector used to connect network applications.
NOT_APPLICABLE	A statement that an affirmative or negative response is not required for the attribute.
OTHER	A connection type not on otherwise on this list.
PERITEL_CGBS	A peritel connector.
PERITEL_RGB	A peritel connector for red, green, blue analogue component video.
PERITEL_YC	A peritel connector for analog video transmission (no audio) that carries standard definition video typically at 480i or 576i resolution.
PHONE	A connector used to connect to a telephone.
PHONE_NETWORK	A connector used to connect to a telephone network
QXGA	Quad eXtended Graphics Array
RADIO_FREQUENCY_HEADPHONE	A headphone connection using radio frequencies as a means to communicate with the headphones.
RCA_CINCH	A type of electrical connector used in the audio/video market.
RGB_ENABLED_SCART	A SCART connector for red, green, blue analogue component video.
SCART	21-pin connector for connecting audio-visual (AV) equipment together.
SVGA	Super Video Graphics Array
SVHS	Super VHS
SXGA	Super eXtended Graphics Array
SXGA_PLUS	Super eXtended Graphics Array Plus
USB_1_0	Version 1.0 of Universal Serial Bus connector standard.
USB_2_0	Version 2.0 of Universal Serial Bus connector standard.
UXGA	Ultra eXtended Graphics Array
VGA	Video Graphics Array
WIRELESS_LAN	A Local Area Network connection that communicates without the use of wired connections.
WIRELESS_USB	A Universal Serial Bus connector that communicates without the use of wired connections.
WXGA	Wide Extended Graphics Array
XGA	Extended Graphics Array



XGA_PLUS	eXtended Graphics Array Plus
YUV	A connector handling the YUV color space.

6.14. Audio Visual Media Contributor Type Code

GS1 Code List	AudioVisualMediaContributorTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
ARTIST	Name of the recording artist associated with this recording.
ASSISTANT_PRODUCER	Name of the assistant movie producer of the movie (as distinguished from the executive producer).
COMPOSER	Name of the person who writes a written piece of music.
DIRECTOR	Name of the person who leads a musical ensemble.
FILM_DIRECTOR	The name (first name and last name) of the person who directed the film.
ORCHESTRA	Name of the group of musicians organized to perform the ensemble music piece.
PRODUCER	Name of the executive producer of the movie.
TALENT	The name (first name and last name) of a person who is a talent in a film.
WRITER	The name of the person who wrote the film or the screenplay.

6.15. Audio Visual Item Installation Type Code

GS1 Code List	AudioVisualItemInstallationTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
CABINET_STAND	Mounted in a cabinet.
CEILING_MOUNT	Mounted on the ceiling.
DESKTOP_TV_STAND	Placed on the top of a desk.
WALL_BRACKET	Attached to a wall.



6.16. Audio Visual Media Date Type Code

GS1 Code List	AudioVisualMediaDateTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
FIRST_EDITION	The date on which a music publication is first edited.
LAST_MANUFACTURER_UPDATE	The last date (including time) on which the manufacturer has made a change to the trade item.
RENTAL_STREET	The date including time when the trade item can be rented for the first time.
RERELEASE	The date (including time) on which the trade item is re-released (using the same GTIN).
THEATRICAL_RELEASE	The date (including time) when the film was released in cinemas.

6.17. Average Distance To Point Of Packaging Code

GS1 Code List	AverageDistanceToPointOfPackagingCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
1	0-4 miles/ 0-6.44 kilometres
2	Over 4 to 500miles/ Over 6.44 to 804 kilometres
3	Over 500 to 3000miles/ Over 804k to 4828 kilometres
4	Over 3000 miles/4829 kilometres



6.18. AVP Code List Name Code

GS1 Code List	AVPCodeListNameCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
CURRENCY_CODE	Currency Code List is being used to qualify AVP.
LANGUAGE_CODE	Language Code List is being used to qualify AVP.
MEASUREMENT_CODE	Measurement Code List is being used to qualify AVP.

6.19. Battery Technology Type Code

GS1 Code List	BatteryTechnologyTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
ALKALINE	Battery dependent upon the reaction between zinc and manganese dioxide.
CARBON_ZINC	A battery is packaged in a zinc can that serves as both a container and negative terminal.
LITHIUM_ION_POLYMER	A type of battery in which lithium ions move from the anode to the cathode during discharge, and from the cathode to the anode when charged.
METAL_LITHIUM	A lithium battery that used metallic lithium as anode.
NICKEL_CADMIUM	A type of rechargeable battery using nickel oxide hydroxide and metallic cadmium as electrodes.
NICKEL_METAL_HYDRIDE	A type of secondary electrochemical cell similar to nickel hydrogen cell.
OTHER	A battery technology not on otherwise on this list.
SILVER_OXIDE	A type of silver–zinc battery.



6.20. Battery Type Code

GS1 Code List	BatteryTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
15F15	Zn/MnO ₂ battery also identified by IEC name 15F15 and other common names: NEDA 221 BLR155
15F20	Zn/MnO ₂ non-round multiple cell Battery identified by IEC name 15F20 and other common names: 22½-volt,
20F20	Zn/MnO ₂ non-round multiple cell Battery identified by the common name 30-volt
2CR1_3N	Lithium button cells - coin, watch, micro, miniature identified by IEC name 2CR1/3N with no other common name.
2CR11108	6V round Lithium Battery identified by the IEC name 2CR11108 and other common names : PX28LBPK, PX-28LB,28L, L28PX
2CR5	Lithium camera Cell/Batteries identified by IEC name 2CR5 and those other common names EL2CR5, DL245, RL2CR5, 6135-99-577-2940
2R10	Carbon-zinc round multiple cell identified by IEC name 2R10 and those other common names Duplex, Ever Ready No. 8
3LR12	Alkaline non-round batteries, identified by IEC name 3LR12 and those other common names : 4.5-volt, Pocketable Battery, 1203, 4.5 V, Type 3336 (Soviet Union/Russian Federation), 6135-99-738-4038
3R12	Carbon-zinc non-round batteries, identified by IEC name 3R12 and those other common names 4.5-volt, Pocketable Battery, 1203, 4.5 V, Type 3336 (Soviet Union/Russian Federation), 6135-99-738-4038
4LR44	Alkaline Round multiple cell identified by IEC name 4LR44 and those other common names 4SR44, PX28A, A544, K28A, V34PX
6F22	Carbon-zinc non-round batteries identified by IEC name 6F22 and those other common names : 4LR449-volt, PP3, Radio battery, Smoke Alarm (UK/US), MN1604, Square battery, Krona (Soviet Union/Russian Federation), Transistor, 6135-99-634-8080
8LR932	Alkaline round multiple cell identified by IEC name 8LR932 and those other common names : A23, V23GA, 23A, 23AE, MN21, L1028, 8LR23, LRV08
9_VOLT	A rectangular prism shape with rounded edges and a polarized snap connector at the top identified by IEC names 6LR61 (alkaline), 6F22 (Carbon-Zinc), 6KR61 (NiCd), 6HR61(NiMh).
A	More common as a NiCd or NiMH cell size than a primary size, popular in older laptop batteries and hobby battery packs.
AA	A standard size of battery. Batteries of this size are the most commonly used type of in portable electronic devices.
AAA	A standard size of dry cell battery commonly used in portable electronic devices.
B	Battery used to provide the plate voltage of a vacuum tube.
C	A standard size of battery typically used in medium-drain applications such as toys and musical instruments.
CR2	Lithium camera Cell/Batteries identified by IEC name CR17355 and those other common names : 15270 (Li-Ion Rechargeable), 6135-99-606-3982 (NSN)
CR1025	Lithium button cells identified by IEC name CR1025 and common name



	5033LC
CR1216	Lithium button cells identified by IEC name CR1216 and common name 5034LC
CR1220	Lithium button cells identified by IEC name CR1220 and common name 5012LC
CR1225	Lithium button cells identified by IEC name CR1225 and common name 5020LC
CR123A	Lithium Camera Battery identified by IEC name CR17345 and the other common names: 2/3A, 123, CR123, 17345, 16340, CR123A, 6135-99-851-1379 (NSN)
CR1616	Lithium button cells identified by IEC name CR1225
CR1620	Lithium button cells identified by IEC name CR1620 and common name 5009LC
CR1632	Lithium button cells identified by IEC name CR1632
CR2012	Lithium button cells identified by IEC name CR2012
CR2016	Lithium button cells identified by IEC name CR2016 and common name 5000LC
CR2025	Lithium button cells identified by IEC name CR2025 and common name 5003LC
CR2032	Lithium button cells identified by IEC name CR2032 and common name 5004LC
CR2330	Lithium button cells identified by IEC name CR2330
CR2354	Lithium button cells identified by IEC name CR2354
CR2430	Lithium button cells identified by IEC name CR2430 and other common name 5011LC
CR2450	Lithium button cells identified by IEC name CR2450 and other common name 5029LC
CR2477	Lithium button cells identified by IEC name CR2477
CR3032	Lithium button cells identified by IEC name CR3032
CR6362	Lithium button cells identified by IEC name CR636-2
CR7362	Lithium button cells identified by IEC name CR736-2
CR927	Lithium button cells identified by IEC name CR927
CRP2	Lithium camera Cell/Batteries identified by IEC name CR-P2 and other common names : CR927, BR-P2, 223A, CR17-33, 5024LC
CRV3	Lithium camera Cell/Batteries identified by IEC name CRV3
D	A cylindrical battery with electrical contacts at each end; the positive end having a nub or bump.
J	Alkaline non-round multiple cell identified by IEC name 4LR61, ANSI Name J and other common name 7K67
LR03	"Common alkaline round cell identified by IEC name LR03 and other common names: AAA, U16 or HP16 (In Britain until the 1980s), Micro, Microlight, MN2400, MX2400, Type 286 (Soviet Union/Russia), UM 4 (JIS), #7 (China), 6135-99-117-3143
LR09	Non common non round 1.5V Alkaline Battery
LR1	Alkaline Round single-cell identified by IEC name LR1 and other common names : N, Lady, MN9100, UM-5 (JIS), E90, 6135-99-661-4958 (NSN)
LR14	Common alkaline round cell identified by the IEC name LR14 and other common names : C, U11 or HP11 (In Britain until the 1980s), MN1400, MX1400, Baby, Type 343 (Soviet Union/Russia), BA-42 (US Military Spec WWII-1980s), UM 2 (JIS), #2 (China), 6135-99-199-4779 (NSN)(carbon-zinc), 6135-99-117-3212 (NSN)
LR20	Common alkaline round cell identified by the IEC name LR20 and the common names : D, U2 or HP2 (In Britain until the 1980s), Flashlight Battery, MN1300, MX1300, Mono, Goliath, Type 373 (Soviet Union/Russia), BA-30 (US Military Spec WWII-1980s), UM 1 (JIS), #1 (China), 6135-99-464-1938 (NSN)(carbon-zinc), 6135-99-109-9428 (NSN)(alkaline)
LR25	Alkaline round single-cell identified by IEC name LR25 and common name F
LR41	Alkaline button cells identified by IEC name LR736 and other common names : LR41, AG3/SG3/G3-A, 192/384/392, 6135-99-949-0402 (NSN)(S)
LR42	Alkaline button cells identified by IEC name LR1136 and other name LR42.

LR43	Alkaline button cells identified by IEC name LR1142 and other common names : LR43, AG12/SG12, L1142, 186/301/386, 6135-99-547-0573 (NSN)(S), VINNIC
LR44	Alkaline button cells identified by IEC name LR1154 and other common names : LR44, AG13/SG13, LR44/LR154, 6135-99-792-8475 (NSN)(alkaline), 6135-99-651-3240 (NSN)(S), A76/S76/EPX76, 157/303/357, 1128MP, 208-904, A-76, A613, AG14, AG-14, CA18, CA19, CR44, D76A, G13A, G13-A, GDA76, GP76A, GPA7, GPA75, GPA76, GPS76A, KA, KA76, AG76, L1154, L1154C, L1154F, L1154G, L1154H, LR44G, LR44GD, LR44H, MS76H, PX76A, PX675A, RPX675, RW82, SB-F9, V13G, 357A
LR48	Alkaline button cells identified by IEC name LR754 and other common names : AG5/SG5, LR48, 193/309/393,
LR54	Alkaline button cells identified by IEC name LR1131 and other common names : LR54, AG10/SG10, 189/387/389/390, LR1130/SR1130, 6135-99-796-0471 (NSN)(S)
LR55	Alkaline button cells identified by IEC name LR1121 and other common names LR55, AG8/SG8, 191/381/391, LR1120
LR57	Alkaline button cells identified by IEC name LR926 and other common names LR57, AG7/SG7, LR57, 195/395/399, LR927/SR927, SR927W/GR927, 6135-99-796-0471 (NSN)(S)
LR58	Alkaline button cells identified by IEC name LR721 and other common name : LR58, AG11/SG11, 162/361/362
LR59	Alkaline button cells identified by IEC name LR726 and other common names LR59, AG2/SG2, 196/396/397
LR6	"Common alkaline round cell identified by IEC name LR6 and other common names : AA,D14 or HP7 (In Britain until the 1980s), Pencil-sized, Penlight, Mignon, MN1500, MX1500 Type 316 (Soviet Union/Russia), UM 3 (JIS), #5 (China), 6135-99-052-0009 (NSN)(carbon-zinc), 6135-99-195-6708 (NSN)(alkaline)",
LR60	Alkaline button cells identified by IEC name LR621 and other common names : LR60, AG1/SG1, LR60, 164/364
LR61	Alkaline round cell identified by IEC name LR8D425 and other common name : AAAA
LR63	Alkaline button cell identified by IEC name LR521 and other common names : LR63, AG0/SG0, LR63, 379
LR68	Alkaline button cell identified by IEC name LR916 and other common names : LR68, SR916SW, 373
LR69	Alkaline button cell identified by IEC name LR921 and other common names : LR69, AG6/SG6, 171/371, LR920/SR920
N	Round cell identified by IEC name R1(carbon-zinc), LR1(alkaline), KR1(NiCd), HR1(NiMH). Other common names : Lady, MN9100, UM-5 (JIS), E90, 6135-99-661-4958 (NSN), N
NR50	Camera button battery identified by IEC name NR50
NR52	Camera button battery identified by IEC name NR52
PR41	Zinc air button cells identified by IEC name PR41 and other names : 312, brown tab, 6135-99-752-3528 (NSN)
PR43	Zinc air button cells identified by IEC name PR43 and other name AC41E
PR44	Zinc air button cells identified by IEC name PR44, and other names 675, blue tab
PR48	Zinc air button cells identified by IEC name PR48 and other names : 13,orange tab
PR70	Zinc air button cells identified by IEC name PR70 and other names : 10, yellow tab
R03	carbon-zinc commun round identified by the IEC name R03 and the other common names : AAA, U16 or HP16 (In Britain until the 1980s), Micro, Microlight, MN2400, MX2400, Type 286 (Soviet Union/Russia), UM 4 (JIS)[2], #7 (China), 6135-99-117-3143
R14C	carbon-zinc commun round cell identified by IEC name R14C
R14S	carbon-zinc commun round cell identified by IEC name R14S
R20C	carbon-zinc commun round cell identified by IEC name R20C

R20S	carbon-zinc comun round cell identified by IEC name R20S
R25	Carbon-Zinc round cell identified by the IEC name R25 and the other name N.
R40	Carbon-Zinc round cell identified by the IEC name R40 and the other name : No. 6.
R6C	carbon-zinc comun round cell identified by IEC name R6C
R6S	carbon-zinc comun round cell identified by IEC name R6C
RCRV3	Li-ion Camera Cell/Battery identified by IEC name CR-V3, other common names : CRV3, RCR-V3
SR41	Sylver oxide button cells identified by IEC name SR736 and other common names : SR41, AG3/SG3/G3-A, 192/384/392, 6135-99-949-0402 (NSN)(S)
SR42	Sylver oxide button cells identified by IEC name SR1136 and other common name SR42
SR43	Sylver oxide button cells identified by IEC name SR1142 and other common SR43, AG12/SG12, L1142, 186/301/386, 6135-99-547-0573 (NSN)(S), VINNIC
SR44	Sylver oxide button cells identified by IEC name SR1154 identified by other common names : AG13/SG13, SR44, 6135-99-792-8475 (NSN)(alkaline), 6135-99-651-3240 (NSN)(S), A76/S76/EPX76, 157/303/357, 1128MP, 208-904, A-76, A613, AG14, AG-14, CA18, CA19, CR44, D76A, G13A, G13-A, GDA76, GP76A, GPA7, GPA75, GPA76, GPS76A, KA, KA76, AG76, L1154, L1154C, L1154F, L1154G, L1154H, LR44G, LR44GD, LR44H, MS76H, PX76A, PX675A, RPX675, RW82, SB-F9, V13G, 357A
SR45	Sylver oxide button cells identified by IEC name SR936 and other names AG9/SG9, SR45, 194/394, 135-99-782-4675 (NSN)(S)
SR48	Sylver oxide button cells identified by IEC name SR754 and other name SR48, AG5/SG5, 193/309/393
SR54	Sylver oxide button cells identified by IEC name SR1131 and other names SR54, AG10/SG10, 189/387/389/390, SR1130, 6135-99-796-0471 (NSN)(S)
SR55	Sylver oxide button cells identified by IEC name SR1121 and other common names : AG8/SG8, SR55, 191/381/391, SR1120
SR57	Sylver oxide button cells identified by IEC name SR926 and other common names : SR57, AG7/SG7, 195/395/399, SR927, SR927W, 6135-99-796-0471 (NSN)(S)
SR58	Sylver oxide button cells identified by IEC name SR721 and other common names SR58, AG11/SG11, 162/361/362
SR59	Sylver oxide button cells identified by IEC name SR726 and other common names SR59, AG2/SG2, 196/396/397
SR60	Sylver oxide button cells identified by IEC name SR621 and other common names : AG1/SG1, SR60, 164/364
SR63	Sylver oxide button cells identified by IEC name SR521, and other common names : AG0/SG0, SR63, 379
SR66	Sylver oxide button cells identified by IEC name SR626, and other common names : AG4/SG4, SR66, 177/376/377, SR626SW
SR68	Sylver oxide button cells identified by IEC name SR916 and other common names : SR68, SR916SW, 373
SR69	Sylver oxide button cells identified by IEC name SR921 and other common names : SR69, AG6/SG6, 171/371, LR920/SR920
SUB_C	Round single cell identified by IEC name KR22C429 (NiCd) and HR22C429 (NiMH).
LANTERN_SCREW	Non round multiple cell identified by IEC name 4R25X (carbon-zinc) or 4LR25X (alkaline), other common names : Lantern Screw, Lantern, 6 volt, Screw Top, 6135-99-645-6443 (NSN)
LANTERN_BIG	Common Non-round batteries identified by IEC name 4R25-2 (carbon-zinc) or 4LR25-2 (alkaline), other common names : 918, R25-2, Big Lantern, Double Lantern, MN918, Energizer 521
LANTERN_SPRING	Common Non-round batteries identified by IEC name 4LR25Y (alkaline) or 4R25 (carbon-zinc), other common names : Lantern, 6 volt, Spring Top, MN908 (UK), 996 or PJ996, Energizer 529, 6135-99-910-1145 (NSN), 908A
OTHER	Other type of battery.



6.21. Bend Angle Code

GS1 Code List	BendAngleCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
180	A 180 degree angle commonly called a Return Bend
22_5	A 22.5 degree angle commonly called a 1/16 (Sixteenth) Bend
45	A 45 degree angle commonly called a 1/8 (Eighth) Bend
60	A 60 degree angle commonly called a 1/6 (Sixth) Bend
72	A 72 degree angle commonly called a 1/5 (Fifth) Bend
90	A 90 degree angle commonly called a 1/4 (Quarter) Bend

6.22. Brand Distribution Type Code

GS1 Code List	BrandDistributionTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
PRIVATE_LABEL_DISTRIBUTION	A product that is produced strictly for a trading partner or a purchasing group. The brand label is owned by the recipient trading partner or purchasing group.
RESTRICTED_DISTRIBUTION	The Data Source has restrictions on where, how and/or to whom the product may be sold. The brand label is NOT owned by the trading partner recipient or purchasing group
UNRESTRICTED_DISTRIBUTION	The Data Recipient has the permission to sell the Trade Item as per their trading partner agreement. The brand label is NOT owned by the trading partner recipient or purchasing group

6.23. Catch Zone Code

GS1 Code List	CatchZoneCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
18	Arctic Sea
21	Atlantic, Northwest



27	Atlantic, Northeast
31	Atlantic, Western Central
34	Atlantic, Eastern Central
37	Mediterranean and Black Sea
41	Atlantic, Southwest
47	Atlantic, Southeast
48	Atlantic, Antartic
51	Indian Ocean, Western
57	Indian Ocean, Eastern
58	Indian Ocean, Antarctic and Southern
61	Pacific, Northwest
67	Pacific, Northeast
71	Pacific, Western Central
77	Pacific, Eastern Central
81	Pacific, Southwest
87	Pacific, Southeast
88	Pacific, Antarctic

6.24. Cheese Maturation Process Container Type Code

GS1 Code List	CheeseMaturationProcessContainerTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
BRINE_SOLUTION	A salt water or whey solution that cures cheese during the maturing process.
FOIL	A type of container used in the process of cheese making, usually made in small forms and wrapped and then wrapped in foil to mature.
MOULD	A type of container used in the process of cheese making, usually the maturing is performed in a wooden, metal, plastic type container. This is not the type of mould like spores which also can be referenced in cheese making
OTHER	The type of container in which the process of maturing cheese is not specified or is of a type other than the codes available
TEXTILE	A method that a cheese is matured while wrapped in a cloth or textile of some sort during the maturing process.



6.25. Chemical Physical State Code

GS1 Code List	ChemicalPhysicalStateCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
GAS	<p>A material, which has a vapor pressure greater than 300 kPa (43.5 psia) at 50°C (122°F) or is completely gaseous at 20°C (68°F) at a standard pressure of 101.3 kPa (14.7 psia). Including:</p> <p>Aerosol: Any non-refillable receptacle containing a gas compressed, liquefied or dissolved under pressure, the sole purpose of which is to expel a nonpoisonous (other than a Division 6.1 Package Group III Material) liquid, paste, or powder and fitted with a self-closing release device allowing the contents to be ejected by the gas.</p> <p>Asphyxiant Gas: A gas, which dilutes or replaces the oxygen normally in the atmosphere.</p> <p>Compressed Gas in Solution: A non-liquefied compressed gas, which is dissolved in a solvent.</p> <p>Liquefied Compressed Gas: A gas, which when packaged under pressure for transportation is partially liquid at temperatures above -50° C (-58° F). A liquefied compressed gas is further categorized as follows:</p> <p>High Pressure Liquefied Gas: A gas with a critical temperature between -50 °C (-58° F) and + 65° C (149° F).</p> <p>Low Pressure Liquefied Gas: A gas with a critical temperature above + 65° C (149° F).</p> <p>Non-Liquefied Compressed Gas: A gas, which when packaged under pressure for transportation is entirely gaseous at -50° C (-58° F) with a critical temperature less than or equal to -50° C (-58° F).</p> <p>Oxidizing Gas: A gas, which may, generally by providing oxygen, cause or contribute to the combustion of other material more than air does.</p>
LIQUID	<p>A material, other than an elevated temperature material, with a melting point or initial melting point of 20°C (68°F) or lower at a standard pressure of 101.3 kPa (14.7 psia). A viscous material for which a specific melting point cannot be determined must be subjected to the procedures specified in ASTM D 4359 "Standard Test Method for Determining Whether a Material is Liquid or Solid".</p>
MIXED	Any combination of the other states.
REFRIGERANT_OR_DISPERSANT_GAS	All non-toxic refrigerant gases, dispersant gases (fluorocarbons) and mixtures thereof, or any other compressed gas having a vapor pressure not exceeding 260 psia at 54°C (130°F), used only as a refrigerant, dispersant or blowing agent.
REFRIGERATED_LIQUID	Cryogenic Liquid . A refrigerated liquefied gas having a boiling point colder than -90°C (-130°F) at 101.3 kPa (14.7 psia).
SOLID	A material that does not meet the definition of a liquid or gas (i.e., powder, pellet, flake).



6.26. Chemical Property Type Code

GS1 Code List	ChemicalPropertyTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
OTHER	Any other chemical property not include in this list.
REACTIVITY	The tendency of a substance to undergo chemical reaction, either by itself or with other materials, and to release energy.
STABILITY	The thermodynamic stability of a chemical system.
TOXICITY	Degree to which a substance can damage an organism

6.27. Closed Captioning Code

GS1 Code List	ClosedCaptioningCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
NO	Movie does not have subtitles for hard of hearing and deaf.
UNKNOWN	Having an unknown value.
YES	Movie has subtitles for hard of hearing and deaf.

6.28. Comb Filter Technology Type Code

GS1 Code List	CombFilterTechnologyTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
2_LINE_DIGITAL	A comb filter able to consecutively interpret two horizontal lines at once.
3_LINE_DIGITAL	A comb filter that averages the signal from the line before and after it to obtain a more accurate cancellation.
3D_DIGITAL	A comb filter which compares 3 horizontal scan lines and analyzes frames in advance.
DIGITAL	A comb filter separates the luminance and chrominance parts of a video signal in the digital domain.



NOT_APPLICABLE	A statement that an affirmative or negative response is not required for the attribute.
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6.29. Consumer Sales Condition Type Code

GS1 Code List	ConsumerSalesConditionTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
BTC	Behind the Counter – products that are sold without a prescription but must be distributed through a pharmacy.
OTC	Over the Counter– products that may be sold without a prescription. These products are generally available without restrictions.
PRESCRIPTION_REQUIRED	Trade item may only be sold or dispensed under the direction of a prescription.
1	Regulated products controlled and handled by authorized personnel for an authorized user for example prescription pharmaceutical, narcotics, prescription strength acetaminophen.
2	Regulated Product and controlled, a user must consult with authorized personnel to acquire product and user does not need authorization to purchase. The user may or may not be of certain legal age to obtain though. For example Model Glue, Spray Paint in the US, Diabetes Kits in CA
3	Products requiring to be sold in authorized location to distribute regulated item without consulting personnel at location. For example Items only available in a Pharmacy store in the EU, but available for general purchase without any preauthorization, In the European Union non-prescription strength acetaminophen.
RESTRICTED_TO_SELL_16	Based upon legal regulatory restrictions it is illegal to sell the trade item to anyone under the age of 16 years old.
RESTRICTED_TO_SELL_18	Based upon legal regulatory restrictions it is illegal to sell the trade item to anyone under the age of 18 years old.
RESTRICTED_TO_SELL_21	Based upon legal regulatory restrictions it is illegal to sell the trade item to anyone under the age of 21 years old.
UNRESTRICTED	Product available in any outlet with or without authorized personnel present and no authorization needed by user to acquire. For example: In the United States, non-prescription strength acetaminophen and in many markets Shampoo, toothpaste, etc.



6.30. Cumulative Energy Demand Protocol Code

GS1 Code List	CumulativeEnergyDemandProtocolCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
OTHER	Code value not available in code list.
VDI_4600_CED	VDI 4600 CED

6.31. Cumulative Energy Demand Reference Substance Code

GS1 Code List	CumulativeEnergyDemandReferenceSubstanceCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
MJ_PER_FU	MJ per Functional Unit.
OTHER	Code value not available in code list.

6.32. Cumulative Energy Demand Type Code

GS1 Code List	CumulativeEnergyDemandTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
CUMULATIVE_ENERGY_DEMAND_NON_RENEWABLE	A statement of the entire energy demand for a given product or service for a non-renewable part (CED _{NR}).
CUMULATIVE_ENERGY_DEMAND_RENEWABLE	A statement of the entire energy demand for a given product or service for a renewable part (CED _R).
OTHER	Code value not available in code list.



6.33. Criteria Join Type Code

GS1 Code List	CriteriaJoinTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code List Description
AND	All previous qualifiers plus the current record.
OR	Any one qualifier but not more than one.

6.34. Criteria Operator Type Code

GS1 Code List	CriteriaOperatorTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
EQUAL_TO	Equal to (=) a specific value.
GREATER_THAN	Greater than (>) a specific value.
LESS_THAN	Less than (<) a specific value.
LIKE	Like a specified pattern.
NOT_EQUAL_TO	Not like a specified pattern.

6.35. Dangerous Goods Transport Category Code

GS1 Code List	DangerousGoodsTransportCategoryCode
GS1 Code List Version	R1
Managing Agency	ADR
Based on Code List	ADR Section 1.1.3.6.3
Type Of Management	External
Code Value	Code Definition
0	Class 1: 1.1A/1.1L/1.2L/1.3L and UN No. 0190 Class 3: UN No. 3343 Class 4.2: Substances belonging to packing group I Class 4.3: UN Nos. 1183, 1242, 1295, 1340, 1390, 1403, 1928, 2813, 2965, 2968, 2988, 3129, 3130, 3131, 3134, 3148, 3396, 3398 and 3399 Class 5.1: UN No. 2426



	<p>Class 6.1: UN Nos. 1051, 1600, 1613, 1614, 2312, 3250 and 3294 Class 6.2: UN Nos. 2814 and 2900 Class 7: UN Nos. 2912 to 2919, 2977, 2978 and 3321 to 3333 Class 8: UN No. 2215 (MALEIC ANHYDRIDE, MOLTEN) Class 9: UN Nos. 2315, 3151, 3152 and 3432 and apparatus containing such substances or mixtures and empty uncleaned packagings, except those classified under UN No. 2908, having contained substances classified in this transport category.</p>
1	<p>Substances and articles belonging to packing group I and not classified in transport category 0 and substances and articles of the following classes:</p> <p>Class 1: 1.1B to 1.1J a /1.2B to 1.2J/1.3C/1.3G/1.3H/1.3J/1.5D a Class 2: groups T, TC a, TO, TF, TOC a and TFC, aerosols: groups C, CO, FC, T, TF, TC, TO, TFC and TOC Class 4.1: UN Nos. 3221 to 3224 and 3231 to 3240 Class 5.2: UN Nos. 3101 to 3104 and 3111 to 3120</p>
2	<p>Substances or articles belonging to packing group II and not classified in transport categories 0, 1 or 4 and substances of the following classes:</p> <p>Class 1: 1.4B to 1.4G and 1.6N Class 2: group F, aerosols: group F Class 4.1: UN Nos. 3225 to 3230 Class 5.2: UN Nos. 3105 to 3110 Class 6.1: substances and articles belonging to packing group III Class 9: UN No. 3245</p>
3	<p>Substances and articles belonging to packing group III and not classified in transport categories 0, 2 or 4 and substances and articles of the following classes:</p> <p>Class 2: groups A and O, aerosols: groups A and O Class 3: UN No. 3473 Class 4.3: UN No. 3476 Class 8: UN Nos. 2794, 2795, 2800, 3028 and 3477 Class 9: UN Nos. 2990 and 3072</p>
4	<p>Class 1: 1.48 Class 4.1: UN Nos. 1331, 1345, 1944, 1945, 2554 and 2623 Class 4.2: UN Nos. 1361 and 1362 packing group III Class 7: Un Nos. 2908 to 2911 Class 9: UN No. 3268 and empty, uncleaned packagings having contained dangerous goods, except for those classified in transport category 0</p>



6.36. Dangerous Substances Water Solubility Code

GS1 Code List	DangerousSubstancesWaterSolubilityCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
DISPERSIBLE	Dispersing agents have been added to the substance. Dispersing agents are added to process liquids to prevent unwanted deposits by keeping them finely dispersed. They function in both aqueous and non-aqueous media.
EMULSIFIABLE	An emulsion is a mixture of two immiscible (unblendable) liquids. One liquid is dispersed in the other. Many emulsions are oil/water emulsions, with dietary fats being one common type of oil encountered in everyday life. Examples of emulsions include butter and margarine, milk and cream, and vinaigrettes. In butter and margarine, fat surrounds droplets of water (a water-in-oil emulsion). In milk and cream, water surrounds droplets of fat (an oil-in-water emulsion).
INSOLUBLE	The substance is not capable of being dissolved in a solvent.
NOT_OR_HARDLY_MISCIBLE	The substance is immiscible or nearly immiscible. Substances are said to be immiscible if in any proportion, they do not form a solution. For example, diethyl ether is fairly soluble in water, but these two solvents are not miscible since they are not soluble in all proportions.
SUSPENDED	The substance is in suspension. A suspension is a homogeneous fluid containing solid particles that are sufficiently large for sedimentation. When the solid is mixed with liquid, suspended particles will eventually settle. An example of a suspension would be sand in water. The suspended particles are visible under a microscope and will settle over time if left undisturbed.
WATER_SOLUBLE	The substance is soluble. Solubility is the ability of a given substance to dissolve in a solvent. It is measured in terms of the maximum amount of solute dissolved in a solvent at equilibrium. Certain liquids are soluble in all proportions with a given solvent, such as ethanol in water.

6.37. Data Carrier Presence Code

GS1 Code List	DataCarrierPresenceCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
ALWAYS	Trade Item ALWAYS includes an AI in AIDC format.
NEVER	Trade Item NEVER includes an AI in AIDC format
SOMETIMES	Trade Item SOMETIMES includes an AI in AIDC format



6.38. Data Carrier Family Type Code

GS1 Code List	DataCarrierFamilyTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
EAN_UPC	A family of barcodes consisting of EAN-13, EAN-13 with Two-Digit Add-On, EAN-13 with Five-digit Add-On, EAN-8, UPC-A, UPC A with Two-Digit Add-On, UPC A with Five-digit Add-On, UPC-E, UPC-E Two-Digit Add-On, UPC-E Five-digit Add-On
EAN_UPC_COMPOSITE	A family of barcodes consisting of EAN-13 Composite, EAN-8 Composite, UPC-A Composite, UPC-E Composite
ITF_14	A family of barcodes consisting of ITF-14.
GS1_128	A family of barcodes consisting of GS1-128
GS1_128_COMPOSITE	A family of barcodes consisting of GS1-128 Composite.
GS1_DATABAR	A family of barcodes consisting of GS1 DataBar Omnidirectional, GS1 DataBar Stacked Omnidirectional, GS1 DataBar Stacked, GS1 DataBar Truncated, GS1 DataBar Limited, GS1 DataBar Expanded, GS1 DataBar Expanded Stacked, .
GS1_DATABAR_COMPOSITE	A family of barcodes consisting of GS1 DataBar Omnidirectional Composite, GS1 DataBar Truncated Composite, GS1 DataBar Stacked Composite, GS1 DataBar Stacked Omnidirectional Composite, GS1 DataBar Limited Composite, GS1 DataBar Expanded Composite, GS1 DataBar Expanded Stacked Composite
GS1_DATAMATRIX	A family of barcodes consisting of GS1 DataMatrix
GS1_QR_CODE	A family of barcodes consisting of the GS1 QR Code.
NO_BARCODE	Item packaging does not contain bar code.
RFID_EPC_TAG	Tagged with an EPC RFID tag,

6.39. Data Carrier Type Code

GS1 Code List	DataCarrierTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	GDSN Restricted
Code Value	Code Definition
EAN_13	A bar code of the EAN/UPC Symbology that encodes GTIN-13, Coupon-13, RCN-13, and VMN-13.
EAN_13_COMPOSITE	An EAN-13 symbol with an additional CC-A or CC-B Composite symbol included at the top of the EAN-13 symbol
EAN_13_WITH_FIVE_DIGIT_ADD_ON	An EAN-13 with an additional five-digit



	symbol, called an Add-On Symbol that can be included on the item just to the right of the main bar code.
EAN_13_WITH_TWO_DIGIT_ADD_ON	An EAN-13 with an additional two-digit symbol, called an Add-On Symbol that can be included on the item just to the right of the main bar code.
EAN_8	A bar code of the EAN/UPC Symbology that encodes GTIN-8 or RCN-8.
EAN_8_COMPOSITE	An EAN-8 symbol with an additional CC-A or CC-B symbol included at the top of the EAN-8 symbol
GS1_128	A subset of Code 128 that is utilised exclusively for GS1 System data structures.
GS1_128_COMPOSITE	A GS1-128 symbol with an additional CC-A, CC-B or CC-C Composite symbol included at the top of the GS1-128 symbol
GS1_DATA_MATRIX	GS1 implementation specification for use of Data Matrix
GS1_DATABAR_EXPANDED	A bar code with a variable width (from 4 to 22 symbol characters, or a minimum of 102X wide and a maximum of 534X wide) and is 34X high (where X is the width of a module).
GS1_DATABAR_EXPANDED_COMPOSITE	A GS1 DataBar Expanded symbol with an additional CC-A or CC-B Composite symbol included at the top of theGS1 DataBar Expanded symbol
GS1_DATABAR_EXPANDED_STACKED	A multi-row stacked version of GS1 DataBar Expanded.
GS1_DATABAR_EXPANDED_STACKED_COMPOSITE	A GS1 DataBar Expanded Stacked symbol with an additional CC-A or CC-B Composite symbol included at the top of the GS1 DataBar Expanded Stacked symbol
GS1_DATABAR_LIMITED	A bar code designed for small items that will not need to be read by omnidirectional Point-of-Sale (POS) scanners. Its dimensions are 74X wide, starting with a 1X space and ending with a 1X bar, by 10X high (where X is the width of a module).
GS1_DATABAR_LIMITED_COMPOSITE	A GS1 DataBar Limited Symbol symbol with an additional CC-A or CC-B Composite symbol included at the top of theGS1 DataBar Limited symbol
GS1_DATABAR_OMNIDIRECTIONAL	A full height, two-row version of the GS1 DataBar Omnidirectional Bar Code that is designed to be read by an omnidirectional scanner, such +as a retail slot scanner. Code that is designed to be read by an omnidirectional scanner, such +as a retail slot scanner.
GS1_DATABAR_OMNIDIRECTIONAL_COMPOSITE	A GS1 DataBar Omnidirectional symbol with an additional CC-A or CC-B Composite symbol included at the top of the GS1



	DataBar Omnidirectional Stacked symbol
GS1_DATABAR_STACKED	The GS1 DataBar Stacked Bar Code is a reduced height two-row version of the GS1 DataBar Omnidirectional Bar Code that is designed for small items that will not need to be read by omnidirectional scanners.
GS1_DATABAR_STACKED_COMPOSITE	A GS1 DataBar Stacked symbol with an additional CC-A or CC-B Composite symbol included at the top of the GS1 DataBar Stacked symbol
GS1_DATABAR_STACKED_OMNIDIRECTIONAL	A full height, two-row version of the GS1 DataBar Omnidirectional Bar Code that is designed to be read by an omnidirectional scanner, such as a retail slot scanner.
GS1_DATABAR_STACKED_OMNIDIRECTIONAL_COMPOSITE	A GS1 DataBar Stacked Omnidirectional symbol with an additional CC-A or CC-B Composite symbol included at the top of the GS1 DataBar Stacked Omnidirectional symbol
GS1_DATABAR_TRUNCATED	A reduced height version of the GS1 DataBar Omnidirectional Bar Code that is designed for small items that will not need to be read by omnidirectional scanners.
GS1_DATABAR_TRUNCATED_COMPOSITE	A GS1 DataBar Truncated symbol with an additional CC-A or CC-B Composite symbol included at the top of the GS1 DataBar Truncated symbol
GS1_QR_CODE	GS1 implementation specification for use of QR Code
ITF_14	ITF-14 (A subset of Interleaved 2-of-5) Bar Codes carry GTINs only on trade items that are not expected to pass through the Point-of-Sale.
NO_BARCODE	Item packaging does not contain bar code.
UPC_A	A bar code of the EAN/UPC Symbology that encodes GTIN-12, Coupon-12, RCN-12, and VMN-12.
UPC_A_COMPOSITE	A UPC-A symbol with an additional CC-A or CC-B Composite symbol included at the top of the UPC-A symbol
UPC_A_WITH_FIVE_DIGIT_ADD_ON	A UPC-A with an additional five-digit symbol, called an Add-On Symbol that can be included on the item just to the right of the main bar code.
UPC_A_WITH_TWO_DIGIT_ADD_ON	A UPC-A Symbol with with an additional two-digit symbol, called an Add-On Symbol that can be included on the item just to the right of the main bar code.
UPC_E	A bar code of the EAN/UPC Symbology representing a GTIN-12 in six explicitly encoded digits using zero-suppression techniques.



UPC_E_COMPOSITE	A UPC-E symbol with an additional CC-A or CC-B Composite symbol included at the top of the UPC-E symbol
UPC_E_FIVE_DIGIT_ADD_ON	A UPC-E with an additional five-digit symbol, called an Add-On Symbol that can be included on the item just to the right of the main bar code.
UPC_E_WITH_TWO_DIGIT_ADD_ON	A UPC-E Symbol with with an additional two-digit symbol, called an Add-On Symbol that can be included on the item just to the right of the main bar code.

6.40. Date On Packaging Format Type Code

GS1 Code List	DateOnPackagingFormatTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
ORDINAL_DATE	A calendar date consisting of a year and a day of year ranging between 1 and 366 (starting on January 1). The two numbers can be formatted as YYYY-DDD. The date uses a format based on the year and the number of the day within the year. Example: 2009-036 = 5 February 2009. This format is sometimes referred to as a Julian Date.
CALENDAR_DATE	A date in a calendar is a reference to a particular day represented within a calendar system. The calendar date allows the specific day to be identified. The date uses a format expressed in three parts: year, month and day. Other format orders may be used – The month may be expressed as a number or in alphabetic form (optionally abbreviated). This format is sometimes referred to as Numeric Date.

6.41. Detachable Speaker Type Code

GS1 Code List	DetachableSpeakerTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
NOT_APPLICABLE	A statement that an affirmative or negative response is not required for the attribute.
WIRED	Speakers are connected to the unit via wires.
WIRELESS	The communication is the transfer of sound over a distance without the use wires.

6.42. Diet Type Code

GS1 Code List	DietTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
COELIAC	Denotes a product that can be safely consumed by a person with coeliac disease. Coeliac disease is caused by a reaction to gluten (a protein found in wheat) and similar proteins found in other crops.
DIETETIC	Denotes a product that is specially prepared or processed for people on restrictive diets.
FREE_FROM_GLUTEN	Denotes a product that can be used in a gluten free diet, as specified by the appropriate authority within a target market.
HALAL	Denotes selling or serving food ritually fit according to Islamic dietary laws.
KOSHER	Denotes selling or serving food ritually fit according to Jewish dietary laws.
ORGANIC	Denotes a food product that was produced with the use of feed or fertiliser of plant or animal origin, without employment of chemically formulated fertilisers, growth stimulants, antibiotics or pesticides.
VEGAN	Denotes a food product that was produced with the use of feed or fertiliser of plant or animal origin, without employment of chemically formulated fertilisers, growth stimulants, antibiotics or pesticides.
VEGETARIAN	Denotes a product that contains no meat, fish or other animal products.
WITHOUT_BEEF	Denotes a product that contains no beef or beef-products. Beef is considered to be a taboo food product by some religions most notable Hinduism, Buddhism and Jainism.
WITHOUT_PORK	Denotes a product that contains no pork meat.

6.43. Digitalisation Level Type Code

GS1 Code List	DigitalisationLevelTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
AAD	The record was produced as follows: Recording = analogue, editing/mixing = analogue dubbing/transfer = digital.
ADD	The record was produced as follows: Recording = analogue,



	editing/mixing = digital dubbing/transfer = digital.
DDD	The record was produced as follows: Recording = digital, editing/mixing = digital dubbing/transfer = digital.
DTS	Digital Theatre Sound

6.44. Dimension Type Code

GS1 Code List	DimensionTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
DISPLAY_ITEM_FOLDED_ON_SHELF	Item has been folded before being placed on display in a shelf or other container.
DISPLAY_ITEM_HANGING	Item has been assembled for display and it has been set to hang from a frame or ceiling. The product may have a hanger in some cases (e.g. apparel).
DISPLAY_ITEM_HANGING_FROM_SHELF	Item has been assembled for display and it has been set to hang from the shelf itself. The product may have a hanger in some cases.
DISPLAY_ITEM_STANDING	Item has been assembled for display and it has been placed for display directly on the floor.
DISPLAY_ITEM_STANDING_ON_SHELF	Item has been assembled for display and it has been placed for display on the shelf.
IN_PACKAGE	Product is measured as the package was supplied.
MAX_DOOR_DRAWER_LID_CLEARANCE	Item is displayed with the door or lid open to require the maximum clearance. Applies for example to Refrigerators, dishwashers, ovens, Washers, dryers, furniture, and laptop computers.
MAX_DOOR_DRAWER_LID_CLEARANCE_W_HDL	Item is displayed with the door or lid including its handle open to require the maximum clearance. Applies for example to refrigerators, dishwashers ovens and furniture.
OUT_OF_PACKAGE	Product is removed from consumer packaging, assembled if necessary for final use and its dimensions. For example: Computer desk; entertainment centre; microwave oven; lawnmower; a floor cleaner; a grouping of table and chairs; stove; telephone; camera; large appliance (e.g. washing machines); small appliance (e.g. food processors).
RETAIL_DISPLAY	Product is measured as modified for display. For example: Display Ready Packaging with fold-up lid or fold-forward front; a box of chocolate bars with display flap; display stand for dishware; merchandise for consumer purchase that is in a 'display' carton that requires modification, such as a product in cans contained within a carton; free-



	standing displays for a variety of grocery products, candles, decorative items like picture frames); a laptop computer.
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6.45. Display Resolution Code

GS1 Code List	DisplayResolutionCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
320_200	320 by 200
320_240	320 by 240
480_I	480i (720 by 480 split into two 240-line fields)
480_P	640 by 480
640_480	720 by 480
720_I	720p (1280 by 720)
720_P	720 by 480
768_576	768 by 576
800_600	800_600
854_480	854 by 480
1024_768	1024 by 768
1080_I	1080i
1080_P	1080p (1920 by 1080 progressive scan)
1152_768	1152 by 768
1280_720	1280 by 720
1280_854	1280 by 854
1280_960	1280 by 960
1280_1024	1280 by 1024
1440_900	1440 by 900
1440_960	1440 by 960
1400_1050	1400 by 1050
1600_1200	1600 by 1200
1680_1050	1680 by 1050
1920_1080	1920 by 1080
1920_1200	1920 by 1200
2048_1536	2048 by 1536
2560_1600	2560 by 1600

2560_2048	2560 by 2048
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6.46. Display Screen Type Code

GS1 Code List	DisplayScreenTypeCode	
GS1 Code List Version	R1	
Managing Agency	GS1	
Based on Code List	n/a	
Type Of Management	n/a	
Code Value		Code Definition
CRT_FLAT	CRT Flat	CRT Flat: a type of tube television with a non-curved screen surface.
CRT_ROUND	CRT Round	CRT Round: a type of tube television with a curved screen surface.
EL	Electroluminescence (EL) LED	The result of radiative recombination of electrons and holes in a material
FLUORESCENT	Fluorescent:	A vacuum tube containing an electron gun (a source of electrons) and a fluorescent screen.
LCD	LCD	An electro-optical amplitude modulator realized as a thin, flat display device made up of any number of colour or monochrome pixels arrayed in front of a light source or reflector.
LCOS	Liquid Crystal on Silicone (LCoS)	A "micro-projection" or "micro-display" technology typically applied in projection televisions.
LEP	Light emitting polymer (LEP)	Any Light Emitting Diode whose emissive electroluminescent layer is composed of a film of organic compounds.
NOT_APPLICABLE	Not Applicable	Not Applicable
OEL	Organic electroluminescent	Any Light Emitting Diode (LED) whose emissive electroluminescent layer is composed of a film of organic compounds.
OLED	Organic Light Emitting Diode (OLED)	Any Light Emitting Diode (LED) whose emissive electroluminescent layer is composed of a film of organic compounds.
OTHER	Other	Other
PLASMA	Plasma	A type of flat panel display now commonly used for large TV displays.
REAR_PROJECTION	Rear Projection	Type of large-screen television display technology.
SED	SED Surface Conduction Electronic Emitter Display:	A flat panel display technology that uses surface conduction electron emitters for every individual display pixel.
TDEL	Thick-film dielectric electroluminescent (TDEL)	Phosphor-based flat panel display technology.
VFD	Vacuum fluorescent display (VFD)	Vacuum fluorescent display (VFD)



6.47. Display Type Code

GS1 Code List	DisplayTypeCode	
GS1 Code List Version	R1	
Managing Agency	GS1	
Based on Code List	n/a	
Type Of Management	n/a	
Code Value	Code Name	Code Definition
SDR	Shelf Display Ready Packaging	Shelf Display Ready Packaging – A display unit that is ready for display on a shelf or counter.
FDR	Floor Display Ready Packaging	Floor Display Ready Packaging – A display unit that is ready for display on the floor.
SND	Shelf Non-Assembled Display Packaging	Shelf Non-Assembled Display Packaging – A display unit that needs to be assembled before display on a shelf or counter.
FND	Floor Non-Assembled Display Packaging	Floor Non-Assembled Display Packaging – A display unit that needs to be assembled before display on the floor.
UNS	Unspecified	Unspecified for cases where the supplier is unable to provide the precise type at that moment (or the type of display does not exist in the list yet), but still wants to communicate a display of a sort is present.

6.48. Distribution Method Code

GS1 Code List	DistributionMethodCode	
GS1 Code List Version	R1	
Managing Agency	GS1	
Based on Code List	n/a	
Type Of Management	n/a	
Code Value	Code Name	Code Definition
CD	Cross Dock	Cross Dock: The supplier picks and packs the goods per retail store location and delivers the goods to the retailers' distribution centre for transfer across the loading dock to local delivery vehicles. In this case the goods are not stored in the distribution centre.
D2C	Direct to Consumer	Direct to Consumer: The supplier delivers the goods direct to the end consumer's location.
DC	Distribution Centre	Distribution Centre: The supplier delivers the goods to the retailers' distribution centre. The goods are typically warehoused in the distribution centre prior to distribution.
DS	Drop Ship	Drop Ship: Customer orders and shipment details to either the manufacturer or a wholesaler, who then ships the goods directly to the customer.
DSD	Direct Store Delivery	Direct Store Delivery: The supplier delivers the goods direct to the retailers' retail store location.
FG	Factory Gate	Factory Gate: The supplier makes the goods available to the



		retailer at the supplier's loading dock (factory gate). The retailer assumes responsibility for planning, scheduling, collection and transportation of the goods.
UNS	Unspecified	Unspecified

6.49. Distribution Media Type Code

GS1 Code List	DistributionMediaTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
12_INCH_VINYL_SINGLE	A type of gramophone record that has wider groove spacing compared to other types of records measuring 12 inches.
3_INCH_CD_SINGLE	A mini Compact Disc that measures 8 cm (3.1 in) in diameter, rather than the standard 12 cm (4.7 in).
5_INCH_CD_SINGLE	CD measuring 5 inches used for singles.
5_INCH_CDV	5 inch cd video format.
7_INCH_VINYL_SINGLE	A type of gramophone record that has wider groove spacing compared to other types of records measuring 7 inches.
8_MM	A motion picture film format in which the filmstrip is eight millimeters wide. It exists in two main versions: the original standard 8mm film, also known as regular 8 mm or Double 8 mm, and Super 8.
AUDIO_BLANK_TAPE	Tape format designed for audio.
BETA	A consumer-level analog videocassette magnetic tape recording format developed by Sony
BLU_RAY	An optical disc storage medium . The plastic disc is 120 mm in diameter and 1.2 mm thick, the same size as DVDs and CDs
BLU_RAY_3D	A BLU RAY disc that has 3 Dimensional data inherent in the content
CASSETTE_FULL_LENGTH	A compact cassette considered to be full length.
CASSETTE_SINGLE	A music single in the form of a Compact Cassette
CD_DVD_AUDIO	A digital format for delivering high-fidelity audio content on a DVD.
CD_DVD_VIDEO	A digital format for delivering video content.
CD_FULL_LENGTH	Compact Disc format of full length.
CD_PLUS_GRAPHICS	An extension of the compact disc standard that can present low resolution graphics with the audio data.
CD_ROM_INTERACTIVE	An interactive multimedia CD format developed and marketed by Royal Philips Electronics N.V.
DAT_FULL_LENGTH	Digital Audio Tape
DATAPLAY	An optical disc system developed by DataPlay Inc. DataPlay was intended primarily for portable music playback, including both pre-recorded disks and user-recorded disks (and disks that combined pre-recorded information with a writable area).



DC_SACD	Super Audio CD.
DCC_FULL_LENGTH	Full length Digital Compact Cassette
DIGITAL_RENTAL	Distribution of digital file for the purposes of renting.
DIGITAL_SELL_THROUGH	Distribution of digital file for the purposes of owning.
DVD	An optical disc storage media format, invented and developed by Philips, Sony, Toshiba, and Panasonic in 1995. DVDs offer higher storage capacity than Compact Discs while having the same dimensions.
DVD_ALBUM	A format that contains the same kind of content delivered on CD/DVD combos but normally on a single disc. This configuration is playable in any DVD player (not CD players) and requires no other special equipment. This configuration can contain the same tracks as the CD, plus optional content that could include some or all of the following: 48khz/24 - bit stereo, high res stereo, surround, high res surround, video, behind the scenes, making of * interviews , lyrics , interactive booklet, portable MP3 audio files, ROM interactive (applications for ring-tones), online enablement for post release content updates.
HD_DVD	A high-density optical disc format for storing data and high-definition video
LASERDISC	A home video format and the first commercial optical disc storage medium
LP_FULL_LENGTH	33½ rpm microgroove vinyl record full length.
MAXI_CASSETTE_SINGLE	A cassette format with more intricate packaging that looks similar to the packaging of a regular cassette.
MAXI_CD	A musical single on CD format.
MINI_DISC_FULL_LENGTH	The MiniDisc (MD) is a magneto-optical disc-based data storage device.
MVI	Stands for Music Video Interactive and is a DVD loaded with many features that plays in all standard DVD Players, computers, and game consoles with DVD drives. Digital files are compatible with all MP3 devices. Features include: * Full album audio with superior sound quality * Video content * MP3 files of every audio track for easy transfer to a computer or MP3 device * Interactive features to create user content * Digital booklets * Online access to additional artist information * May also contain digital extras including song lyrics, photo galleries, posters, wallpaper, screen savers, buddy icons, etc.
RINGLE	This value represents a physical CD with 3 audio tracks (A-side, B-side & Remix) which can also include ringtones and wallpaper. This is a technology feature of the product and is used by consumers in arriving at a buying decision.
SACD	Super Audio CD (SACD) is a high-resolution, read-only optical disc for audio storage
UMD	This value represents Universal Media Disc. It is an optical disc medium developed by Sony for use on the PlayStation Portable. It can hold up to 1.8 gigabytes of data, which can include games, movies, music, or a combination thereof.
USB	Pre-recorded Media stored on a USB (Universal Serial Bus) flash drive that will interface with any USB capable device.
VHS	Video Home System—a consumer-level analog recording videocassette standard.
VIDEO_BLANK_TAPE	Blank video cassette.



6.50. Dubbed Subtitled Code

GS1 Code List	DubbedSubtitledCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
BOTH	Movie has both a translated alternative soundtrack and a caption translating dialogue.
DUBBED	The movie has a translated alternative soundtrack.
SUBTITLED	The movie has caption translating dialogue.

6.51. DVD Region Code

GS1 Code List	DVDRegionCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
AUSTRALIA_NEW_ZEALAND_LATIN_AMERICA	Australia, New Zealand and Latin America
CHINA	China
EUROPE_MIDDLE_EAST_JAPAN_SOUTH_AFRICA	Europe, Middle East, Japan and South Africa.
EX_SOVIET_UNION_INDIAN_SUBCONTINENT_AFRICA	Former Soviet Union, Subcontinental Africa and Indian subcontinent.
INTERNATIONAL_TERRITORY_AIRPLANES_CRUISE_SHIPS_ETC	International territories (e.g. planes, ships, etc).
RESERVED	Reserved for future use.
SOUTH_KOREA_TAIWAN_HONG_KONG_ASEAN	South Korea, Taiwan, Hong Kong and ASEAN states.
UNCODED	Not targeted for any specific market.
US_CANADA_US_TERRITORIES	US, Canada and US territories.



6.52. Exception Message Type Code

GS1 Code List	ExceptionMessageTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
GDSN	An exception message generated due to an error within the GDSN data synchronisation process.
GLN_REGISTRIES	An exception message generated due to an error within the GLN registries process.

6.53. External Memory Type Code

GS1 Code List	ExternalMemoryTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
COMPACT_FLASH	A mass storage device format used in portable electronic devices.
HC_MMC_PLUS	A flash memory card standard.
IMPACT_FLASH	Impact Flash
MEMORY_STICK	A removable flash memory card format.
MEMORY_STICK_DUO	A smaller flash memory card for pocket-sized digital cameras and cell phones.
MEMORY_STICK_PRO	A removable flash memory card format.
MEMORY_STICK_PRO_DUO	A removable flash memory card format.
MICRODRIVE	A miniature, 1-inch hard disk designed to fit in a CompactFlash (CF) Type II slot.
MINI_SD	A small form factor removable and portable memory device intended for use in cell phones/mobile phones, digital cameras, MP3 players and many other gadgets.
NOT_APPLICABLE	Not Applicable
SDHC	Secure Digital High-Capacity, a type of flash memory card.
SD_MMC	A format of memory card.
TRANSFLASH_MICRO_SD	A format for removable flash memory cards.
XD_MMC_PLUS	A type of flash memory card, used mainly in digital cameras.



6.54. Feature Code

GS1 Code List	FeatureCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
AC_DC_ADAPTER	A power supply that is built into a plug and is not built into the unit it is powering.
ASPECT_RATIO_CONTROL	A feature providing the means to set different viewing window sizes for a television.
AUTO_CHANNEL_SETUP	A feature which automatically sets up all channels available and tunes the television channels at the touch of a button.
BUILT_IN_ALARM_CLOCK	A clock that is designed to make a loud sound at a specific time and is built into the unit.
CENTRE_CHANNEL_CAPABLE	A fifth speaker output for replication of crisp and clear sound.
CHILD_LOCK_SOFTWARE	Software security used to prevent unwanted tampering with feature settings.
COMMON_INTERFACE_MODULE	An extensible digital interconnect found in digital Televisions. This feature enables the viewing of pay channels without the need for cable box or set top boxes.
DIGITAL_CABLE_READY	The ability to project digital cable with the use of a separate tuner.
DVBC_CABLE_READY	The ability to project DVB-C cable with the use of a separate tuner. DVB-C stands for Digital Video Broadcasting.
EXTREMELY_CLEAN	The package is physically marked as extremely clean which slightly lower level of cleanness than sterile is. This means that it is free from bacteria and other microorganisms to a level defined as extremely clean by the appropriate authorities of the target market.
FLICKER_FREE	A feature that increases the frequency of which the picture refreshes measured in hertz (50 to 200Hz) Flicker-free technology noticeably improves viewing quality.
FROST_RESISTANT	Resistant to frost and can thus be used outside.
HIGH_DEFINITION_COPY_PROTECTION	High Definition Copy Protection (HDCP) is a chip that descrambles a High Definition (HD) broadcast to allow one to watch HD broadcasts.
HIGH_DEFINITION_READY	The ability to receive a High Definition signal. The Television can show the required screen resolution and have the necessary connections to be able to show High Definition content.



MEMORY_CARD_READER	A computer peripheral that is used to transfer the content of a memory card without the use of another device.
ON_SCREEN_MENU	Interactive menus that come up when changing television set-up options such as brightness and contrast.
ON_SCREEN_CLOCK	A clock visible on the screen.
PARENTAL_CONTROLS	Options that allow parents to monitor or limit what a child can see or do and/or time-limit these activities.
PICTURE_ENHANCEMENT	A brand owner enhancement to the picture quality which may be created by hardware, or software, or both.
PICTURE_VIEWING_CAPABILITY	The ability to view digital photographs via a digital card reader.
QUADRATURE_AMPLITUDE_MODULATION	Quadrature amplitude modulation (QAM) enables direct reception of digital cable channels without the use of a set top box.
SIMULTANEOUS_PICTURE_TELETEXT	The ability to view teletext while still watching the picture (subtitled or captioned). Teletext is a television information retrieval service.
SOUND_LEVELLING_CAPABILITY	Sound levelling reduces the spikes in sound levels during programming typically from commercials.
STERILE	The package is physically marked as sterile, which is the highest level of cleanness. This means that it is free from bacteria and other microorganisms to a level defined as sterile by the appropriate authorities of the target market.
XVYCC_COLOR_GAMUT_TECHNOLOGY	An expanded version of the YCC color gamut, with 1.8-times more reds, greens, and blues of sRGB color. It is often made synonymous with Deep Color, which is an increased bit depth.

6.55. File Colour Scheme Code

GS1 Code List	FileColourSchemeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
CMY	Cyan, Magenta, Yellow
CMYK	Cyan, Magenta, Yellow, Black
HMMD	Hue, Max, Min, Difference
HSV	A colour model that describes colours in terms of hue (or "tint"), saturation (or "shade") and value (or "tone" or "luminance").
MONOCHROME	A monochromatic object or image is one whose range of colours consists of shades of a single colour or hue; monochrome images in neutral colours are also known as gray scale or black-and-white.
RGB	Red, Green, Blue
RGBA	Red, Green, Blue, Alpha
UNSPECIFIED	Value not stated.
YCBCR	Luminance, Blue and Red Chromaticity

6.56. Fixed Speaker Location Code

GS1 Code List	FixedSpeakerLocationCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
BOTTOM	At the bottom of the unit.
FRONT	In the front of the unit.
NOT_APPLICABLE	A statement that an affirmative or negative response is not required for the attribute.
SIDE	On the sides of the unit.



6.57. Flammable Aerosol Containment Code

GS1 Code List	FlammableAerosolContainmentCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
FLAMMABLE_AEROSOL	Item is an aerosol which contains flammable gas
NONFLAMMABLE_AEROSOL	Item is an aerosol but does not contain flammable gas
NOT_APPLICABLE	Item is not an aerosol

6.58. Flash Point Test Method Code

GS1 Code List	FlashPointTestMethodCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
D_56_87	Test Method for Flash Point by Tag Closed Tester.
D_92_85	Test Method for Flash and Fire Points by Cleveland Open Cup.
D_93_85	Test Method for Flash Point by Pensky-Martens Closed Tester.
D_1310_86	Test Method for Flash Point and Fire Point of Liquids by Tag Open-Cup Apparatus.
D_3278_82	Test Methods for Flash Point of Liquids by Setaflash Closed-Cup Apparatus.
D_3828_87	Test Method of Flash Point by Setaflash Closed Tester.
D_3934_84	Test Method for Flash/No Flash Test-Equilibrium Method by Closed-Cup Apparatus.
D_3941_84	Test Method for Flash Point by the Equilibrium Method With a Closed-Cup Apparatus.



6.59. Food Beverage Composition Database Code

GS1 Code List	FoodBeverageCompositionDatabaseCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
ANSES	CIQUAL French food composition table.
BGU	BGU Israeli Food Nutrient Database
DTU	Danish Food Composition Databank
ETHZ	Swiss Food Composition Database
FRI	Slovak Food Composition Data Bank
GOVERNMENT_OF_CANADA	Canadian Nutrient Files
HHF	Composition tables of foods and Greek dishes
IEO	Food Composition Database for Epidemiological Studies in Italy
IFR	McCance and Widdowson's The Composition of Foods integrated dataset.
IMR	Serbian Food and Nutrition Database
INRAN	Banca Dati di Composizione degli Alimenti
INSA	Tabela de Composição dos Alimentos - INSA
MATIS	ÍSGEM
MEDICAL_SCHOOL_OF_CRETE	Medical School of Crete
MEDPHARM	Souci-Fachman-Kraut: Food Composition and Nutrition Tables
MRI	German Food Code and Nutrient Data Base
NCH	Food composition tables - Bulgaria
NFA	NFA Food Composition Database
NFNI	Food Composition Tables
NNC	Respublikinis Mitybos Centras - EuroFIR Food Classification
NUBEL	NIMS
NZIP	The New Zealand Institute for Plant and Food Research Limited or the New Zealand Ministry of Health.
RIVM	National Institute for Public Health and the Environment (Netherlands)
THL	Fineli
TUBITAK	Turkish food composition database system.
UCC	Irish Food Composition Database
UGR	Base de Datos Española de Composición de Alimentos - RedBEDCA
UIO	Norwegian Food Composition Tables
UVI	German "Bundeslebensmittelschlüssel"



6.60. Freshwater Ecotoxicity Model Code

GS1 Code List	FreshwaterEcotoxicityModelCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
CML_2002	CML_2002
GPPS_2DOT0	GPPS_2DOT0
OTHER	Code value not available in code list.
RECIPE	RECIPE
TRACI	TRACI
USETOX	USETOX

6.61. Freshwater Ecotoxicity Reference Substance Code

GS1 Code List	FreshwaterEcotoxicityReferenceSubstanceCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
CTU_PER_FU	CTU Per Functional Unit
KG_1_4_DB_EQUIVALENT_PER_FU	Kilograms 1 4 DB equivalent per functional unit.
KG_2_4_DB_EQUIVALENT_PER_FU	Kilograms 2 4 DB equivalent per functional unit.
OTHER	Code value not available in code list.

6.62. Functional Basis Unit Code

GS1 Code List	FunctionalBasisUnitCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
23	Grams Per Cubic Centimetre: Grams Per Cubic Centimetre
58	Net kilogram: A unit of mass defining the total number of kilograms after deductions.
59	Part per million: A unit of proportion equal to 10 ⁻⁶ (ppm).
4G	Microlitre: A microlitre is one millionth of a litre
4H	Micrometre: A micrometre is one millionth of a metre, also termed Micron.
5B	Batch: A unit of count defining the number of batches (batch: quantity of material

	produced in one operation or number of animals or persons coming at once).
ANN	Year: Unit of time equal to 365,25 days.
APZ	Troy ounce or apothecary ounce: The troy ounce is a unit of imperial measure. In the present day it is most commonly used to gauge the weight and therefore the price of precious metals. One troy ounce equals 480 grains or 31.1035 grams.
AS	Assortment: A unit of count defining the number of assortments (assortment: set of items grouped in a mixed collection).
BB	Base box: A unit of area of 112 sheets of tin mil products (tin plate, tin free steel or black plate) 14 by 20 inches, or 31,360 square inches.
BFT	Board Foot: A specialized unit of measure for the volume of rough lumber (before drying and planing with no adjustments) or planed/surfaced lumber. It is the volume of a one-foot length of a board one foot wide and one inch thick. Some countries utilize the synonym super foot or superficial foot.
BLL	Barrel US: There are varying standards for barrel for some specific commodities, including 31 gal for beer, 40 gal for whiskey or kerosene, and 42 gal for petroleum. The general standard for liquids is 31.5 gal or half a hogshead; the general standard for dry contents is 7,056 Cubic Inches.
BP	Hundred board foot: A unit of volume equal to one hundred board foot.
BTU	British thermal unit: The British thermal unit (BTU or Btu) is a traditional unit of energy. It is approximately the amount of energy needed to heat one pound of water one degree Fahrenheit. One Btu is equal to about 1.06 kilojoules. It is used in the power, steam generation, heating and air conditioning industries.
BUA	Bushel (US): A bushel is an imperial and U.S. customary unit of dry volume, equivalent in each of these systems to 4 pecks or 8 gallons. It is used for volumes of dry commodities (not liquids), most often in agriculture
BUI	Bushel (UK): A bushel is an imperial and U.S. customary unit of dry volume, equivalent in each of these systems to 4 pecks or 8 gallons. It is used for volumes of dry commodities (not liquids), most often in agriculture
C18	Millimole: a millimole is one thousandth of a mole.
C26	Millisecond: A millisecond (from milli- and second; abbreviation: ms) is a thousandth (1/1000) of a second.
CGM	Centigram: A centigram is one hundredth (1/100) of a gram
CLT	Centilitre: A centilitre is one hundredth (1/100) of a litre
CMK	Square centimetre: A square centimetre is an area of a square whose sides are exactly 1 centimetre in length.
CMQ	Cubic centimetre: A cubic centimetre is the volume of a cube of side length one centimetre (0.01 m) equal to a millilitre.
CMT	Centimetre: A centimetre is equal to one hundredth of a metre.
CWA	Hundred pound (cwt) / hundred weight (US): A unit of weight in the U.S. Customary System equal to 100 pounds (45.36 kilograms); also called cental.
CWI	Hundred weight (UK): A unit of weight in the British Imperial System equal to 112 pounds (50.80 kilograms); also called quintal.
D30	Terajoule: A terajoule is 10 ¹² joules
D32	Terawatt hour: A terawatt hour is 109 * kilowatt hour or 3.6 petajoules.
D70	Calorie - International Table (IT): A calorie is 1/100 of the amount of energy required to warm one gram of air-free water from 0 °C to 100 °C at standard atmospheric pressure; this is about 4.190 J. Its use is archaic, having been replaced by the SI unit of energy, the joule. However, in many countries it remains in common use as a unit of food energy. In the context of nutrition, and especially food labeling, the calorie is approximately equal to 4.1868 joules (J), and energy values are normally quoted in kilojoules (kJ) and kilocalories (kcal).
DAY	Days: A day is one three hundreds and sixty fifth (1/365) of a year
DG	Decigram: A decigram is one tenth (1/10) of a gram.
DLT	Decilitre: A decilitre is one tenth (1/10) of a litre.
DMK	Square decimetre: A square decimetre is an area of a square whose sides are exactly 1 decimetre in length.
DMQ1	Cubic decimetre: A cubic decimetre is the volume of a cube of side length one decimetre (0.1 m)

DMT	Decimetre: A decimetre is equal to one tenth of a metre.
DRA	"Dram (US): The dram (archaic spelling drachm) was historically both a coin and a weight. Currently it is both a small mass in the Apothecaries' system of weights and a small unit of volume. This unit is called more correctly fluid dram or in contraction also fluidram. The term also refers to the fluid dram, a measure of capacity equal 1/8 of a fluid ounce, which means it is exactly equal to 3.696 691 195 312 5 mL in the United States.
DRI	Dram (UK): The dram (archaic spelling drachm) was historically both a coin and a weight. Currently it is both a small mass in the Apothecaries' system of weights and a small unit of volume. This unit is called more correctly fluid dram or in contraction also fluidram. The fluid dram is defined as 1/8 of a fluid ounce, which means it is exactly equal to 3.551 632 812 500 0 mL in the Commonwealth and Ireland. In England dram came to mean a small draught of cordial or alcohol; hence the term dram-house for the taverns where one could purchase a dram.
DZN	Dozen: A unit of count defining the number of units in multiples of 12.
E14	Kilocalorie (international table): A unit of energy equal to 1000 calories.
E27	Dose: A unit of count defining the number of doses (dose: a definite quantity of a medicine or drug).
E4	Gross kilogram: A unit of mass defining the total number of kilograms before deductions.
E55	Use: A unit of count defining the number of times an object is used.
EA	Each: A unit of count defining the number of items regarded as separate units.
FH	Micromole: One millionth (10^{-6}) of a mole.
FOT	Foot: The international foot is defined to be equal to 0.3048 meters.
FTK	Square foot: A square foot is an area of a square whose sides are exactly 1 foot in length.
FTQ	Cubic foot: A cubic foot is the volume of a cube of side length one foot (0.3048 m) .
G23	Peck: A peck is an imperial and U.S. customary unit of dry volume, equivalent in each of these systems to 2 gallons, 8 dry quarts, or 16 dry pints.
G24	Tablespoon: Tablespoon. 1/2 fluid ounces, 3 teaspoons, 15 millilitres
G25	Teaspoon: Teaspoon. 1/6 fluid ounces or 5 millilitres
GLI	Gallon (UK): The imperial (UK) gallon was legally defined as 4.54609 litres.
GLL	Gallon (US): The U.S. liquid gallon is legally defined as 231 cubic inches, and is equal to exactly 3.785411784 litres or about 0.133680555 cubic feet.
GM	"Gram per square metre: In the metric system, the density of all types of paper, paperboard, and fabric, is expressed in terms of grams per square meter (g/m^2). This quantity is commonly called grammage both in English and French (ISO 536), though many English-speaking countries still refer to the "weight". The term density here is used somewhat incorrectly, as density is mass by volume. More precisely, it is a measure of the area density, areal density, or surface density."
GRM	Gram: A gram is defined as one one-thousandth of the kilogram (1×10^{-3} kg).
GRN	Grain: A grain or troy grain is precisely 64.79891 milligrams. Exactly 7,000 grains per avoirdupois pound.
GRO	Gross: A unit of count defining the number of units in multiples of 144 (12 x 12).
GWH	Gigawatt hour: A gigaawatt hour is 109 kilowat hour or 3.6 terajoules.
H87	Piece: A unit of count defining the number of pieces (piece: a single item, article or exemplar).
HC	Hundred count: A unit of count defining the number of units counted in multiples of 100.
HD	Half dozen: A unit of count defining the number of units in multipt of six (6).
HGM	Hectogram: A hectogram is one hundred (100) grams
HLT	Hectolitre: A hectolitre is one hundred (100) litres.
HUR	Hour: An hour is a unit of measurement of time of the duration of 60 minutes, or 3600 seconds. It is 1/24 of a median Earth day.
INH	Inches: An international inch is defined to be equal to 25.4 millimeters.
INK	Square inch: A square inch is an area of a square whose sides are exactly 1 inch in

	length.
INQ	Cubic inch: A cubic inch is the volume of a cube of side length one inch (0.254 m).
JOU	Joule: A joule is the energy exerted by a force of one newton acting to move an object through a distance of one metre.
K6	Kilolitre: A kilolitre is one thousand (1000) litres.
KGM	Kilogram: A unit of mass equal to one thousand grams.
KJO	Kilojoule: A kilojoule is 1000 joules
KMT	Kilometre: A kilometre is one thousand (1000) metres
KT	Kit: A unit of count defining the number of kits (kit: tub, barrel or pail).
KWH	Kilowatt hour: A kilowatt hour is a unit of energy equal to 3.6 megajoules. It is also a common commercial unit of electric energy representing the amount of energy delivered at a rate of 1,000 watts over a period of one hour.
KWT	Kilowatt: A kilowatt is one thousand (1000) watts
LBR	Pound: The international avoirdupois pound of exactly 0.45359237 kilogram.
LF	Linear foot: A unit of count defining the number of feet (12-inch) in length of a uniform width object.
LK	Link: A unit of distance equal to 0.01 chain.
LM	Linear metre: A unit of count defining the number of metres in length of a uniform width object.
LR	Layer: A unit of count defining the number of layers.
LTN	Ton (UK) or long ton (US): Ton (UK) = 1016 Kg or 2240 Lb.
LTR	Litre: A litre is defined as a special name for a cubic decimetre (1 L = 1 dm ³ = 103 cm ³).
MAW	Megawatt: A unit of power defining the rate of energy transferred or consumed when a current of 1000 amperes flows due to a potential of 1000 volts at unity power factor.
MC	Microgram: A microgram is one millionth of a gram (0.000001)
MGM	Milligram: A milligram is one thousandth of a gram (0.001)
MIK	Square mile: A square mile is an area of a square whose sides are exactly 1 mile in length.
MIN	Minute (unit of time): A minute is a unit of time equal to 1/60th of an hour or 60 seconds
MLT	Millilitre: A millilitre is one thousandth of a litre (0.001)
MMK	Square millimetre: A square millimetre is an area of a square whose sides are exactly 1 millimetre in length.
MMQ	Cubic millimetre: A cubic millimetre is the volume of a cube of side length one millimetre (0.001 m)
MMT	Millimetre: A millimetre is one thousandth of a metre (0.001)
MON	Month: Unit of time equal to 1/12 of a year of 365,25 days
MTK	Square metre: A square metre is an area of a square whose sides are exactly 1 metre in length.
MTQ	Cubic metre: A cubic metre is the volume of a cube of side length one metre.
MTR	Metre: The metre is the basic unit of length in the International System of Units (SI).
MWH	Megawatt hour (1000 kW.h): A unit of energy defining the total amount of bulk energy transferred or consumed.
NL	Load: A unit of volume defining the number of loads (load: a quantity of items carried or processed at one time).
ON	Ounces per square yard: The weight of one square yard of the material expressed in ounces. Commonly used to express the density or weight of all types of paper, paperboard, and fabric, e.g. 20 OZ or 20 weight denim has an area density of 20 oz/yd ² . The term density here is used somewhat incorrectly, as density is mass by volume. More precisely, it is a measure of the area density, areal density, or surface density.
ONZ	Ounce: A unit of mass with several definitions, the most commonly used of which are equal to approximately 30 grams
OZA	Fluid ounce (US): A fluid ounce (US) is equal to one sixteenth (1/16) of a US pint or



	29.5735295625 millilitres.
OZI	Fluid ounce (UK): A fluid ounce (UK) is equal to one thirtieth (1/30) of a UK pint or 28.4130625 millilitres.
P1	Percent: A unit of proportion equal to 0.01.
PD	Pad: A unit of count defining the number of pads (pad: block of paper sheets fastened together at one end).
PR	Pair: A unit of count defining the number of pairs (pair: item described by two's).
PTD	Dry Pint (US): The United States dry pint is equal one eighth of a US dry gallon or one half US dry quarts. It is used in the United States but is not as common as the liquid pint.
PTI	Pint (UK): A pint (UK) is equal to 1/8 Gallon (UK); used primarily as a measure for beer and cider when sold by the glass.
PTL	Liquid pint (US): The US liquid pint is equal one eighth of a United States liquid gallon.
QB	Page - hardcopy: A unit of count defining the number of hardcopy pages (hardcopy page: a page rendered as printed or written output on paper, film, or other permanent medium).
QTD	Quart (US dry): A US dry quart is equal to 1/32 of a US bushel, exactly 1.101220942715 litres.
QTL	Liquid quart (US): A US liquid quart exactly equals 57.75 cubic inches, which is exactly equal to 0.946352946 litres.
SEC	Second (unit of time): A second is a unit of time equal to 1/60th of a minute.
SET	Set: A unit of count defining the number of sets (set: a number of objects grouped together).
SMI	Mile (statute mile): A statute mile of 5,280 feet (exactly 1,609.344 meters).
SRV	Serving: The recommended portion of food to be eaten
STN	Ton (US) or short ton (UK): Ton (US) = 2000 Lb. or 907 Kg.
SX	Shipment: A unit of count defining the number of shipments (shipment: an amount of goods shipped or transported).
TNE	Tonne: Metric ton = 1000 Kg
U2	Tablet: A unit of count defining the number of tablets (tablet: a small flat or compressed solid object).
WEE	Week: A week is a time unit equal to seven days.
WHR	Watt hour: The watt-hour is a unit of energy equivalent to one watt of power expended for one hour of time; it is equal to 3.6 kilojoules. The watt-hour is rarely used to express energy in any form other than electrical.
WTT	Watt: A watt is a derived unit of power; one watt is equivalent to 1 joule (J) of energy per second.
X_NGM	Nanogram: A nano gram is 10 ⁻⁹ gram or a billionth of a gram.
YDK	Square Yard: A square yard is the area of a square with sides of one yard (three feet, thirty-six inches, 0.9144 metres) in length
YRD	Yard: A yard is It is equal to 3 feet or 36 inches or 0.9144 meter.
ZZ	Mutually Defined: A unit of measure as agreed in common between two or more parties.



6.63. Game Format Code

GS1 Code List	GameFormatCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
8_BIT_NINTENDO	8 bit format developed by Nintendo.
16_BIT_SUPER_NINTENDO	16 bit format developed by Nintendo.
ATARI	A game system developed by ATARI.
DREAMCAST	A video game console that was released by Sega
GAME_BOY_ADVANCED	A 32-bit handheld video game console developed, manufactured and marketed by Nintendo
JAGUAR	A 64 bit video game console that was released by Atari Corporation in 1993
LYNX	A format for ATARI.
MAC_GAMES	New Format that in effect separates PC_GAMES into PC_GAMES and MAC_GAMES
NEO_GEO	A family of video game hardware developed by SNK Playmore Corporation
NINTENDO_3DS	Nintendo 3DS is a new gaming system that is a 3 Dimensional gaming experience that does not require 3D glasses. Existing Nintendo DS games can be played using the 3DS gaming system, but will be displayed in 2D. The 3DS games are only compatible on the 3DS gaming system.
NINTENDO_GAME_CUBE	A sixth generation video game console released by Nintendo
NINTENDO_PORTABLE_DUAL_SCREEN	Trade name of the Nintendo DS (Dual Screen System) electronic game format.
NINTENDO_WII	Trade name of the Nintendo Wii electronic game format.
NINTENDO_WII_U	Wii U is a stationary console which comes with a controller that has its own Output device in a 6.2" Screen for viewing thus eliminating the need for a TV or allowing gamer to have different displays on the TV and Gaming controller.
NINTENDO_64	Game system sold by Nintendo.
PC_GAMES	A computer game, is a video game played on a personal computer
PLAYSTATION	The trade marked brand name and model for a specific electronic game format manufactured by Sony Corporation.
PLAYSTATION_2	The trade marked brand name and model for a specific electronic game format manufactured by Sony Corporation.
PLAYSTATION_3	The trade marked brand name and model for a specific electronic game format manufactured by Sony Corporation.
PLAYSTATION_4	The trade marked brand name and model for a specific electronic game format manufactured by Sony Corporation.



PLAYSTATION_VITA	PSVITA Gaming Platform is a unit of the Portable PlayStation, thus it is a portable handheld device. PSVITA is 3G and Wi-Fi enabled.
SEGA_GENESIS	A fourth-generation video game console developed and produced by Sega
SONY_PORTABLE_PLAYSTATION	Trade name of the SONY PSP (PlayStation Portable) electronic game format.
XBOX	The trade marked brand name and model for a specific electronic game format manufactured by Microsoft Corporation.
XBOX_360	The trade marked brand name and model for a specific electronic game format manufactured by Microsoft Corporation.
XBOX_ONE	The trade marked brand name and model for a specific electronic game format manufactured by Microsoft Corporation.

6.64. GHS Signal Words Code

GS1 Code List	GHSSignalWordsCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
DANGER	A word used for more severe hazard categories.
NOT_APPLICABLE	A statement that an affirmative or negative response is not required for the attribute.
UNSPECIFIED	Value not stated.
WARNING	A word used for less severe hazard categories.

6.65. GHS Symbol Description Code

GS1 Code List	GHSSymbolDescriptionCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
CORROSION	Depicts corrosives to skin, eyes and/or metals.
ENVIRONMENT	Tree and dead fish. Depicts hazards to the aquatic environment.
EXCLAMATION_MARK	Depicts other health hazards.
EXPLODING_BOMB	Depicts explosives and some self-reactives and/or organic peroxides.
FLAME	Depicts flammable substances.
FLAME_OVER_CIRCLE	Depicts oxidizing gases, liquids or solids.
GAS_CYLINDER	Depicts gases under pressure
HEALTH_HAZARD	Depicts severe health hazards.



NO_PICTOGRAM	No Pictogram symbol is available.
SKULL_AND_CROSSBONES	Depicts acute toxicity.

6.66. Global Warming Potential Equivalent Protocol Code

GS1 Code List	GlobalWarmingPotentialEquivalentProtocolCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
IPCC_3RD_ASSESSMENT_REPORT	IPCC 3rd Assessment Report
IPCC_4TH_ASSESSMENT_REPORT	IPCC 4 th Assessment Report
OTHER	Code value not available in code list.

6.67. Global Warming Potential Equivalent Substance Code

GS1 Code List	GlobalWarmingPotentialEquivalentSubstanceCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
KG_CO2_EQ_PER_FU	Kilograms CO2 equivalent per functional unit.
OTHER	Code value not available in code list.

6.68. Global Warming Potential Equivalent Basis Years Code

GS1 Code List	GlobalWarmingPotentialEquivalentBasisYearsCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
20	20 Years
100	100 Years
500	500 Years



6.69. Grape Variety Code

GS1 Code List	GrapeVarietyCode
GS1 Code List Version	GS1 GPC Schema as of 01062015
Managing Agency	GS1
Based on Code List	GPC Attribute Descriptions for Grape Variety (e.g. MERLOT).
Type Of Management	n/a

6.70. Growing Method Code

GS1 Code List	GrowingMethodCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
CAGE_FREE	The item comes from a chicken able to move about inside a barn without being confined to cages.
CLONED_FOODS	Product is a result of genetic engineering.
CONVENTIONAL	Foods grown non-organically, either indoors or outdoors without any special processes.
FARM_RAISED	The item comes from an animal (bird, fish, or mammal), that is raised on a farm.
FIELD_GROWN	Plants Grown Outdoors
FLY_FREE	Citrus Grown in an area certified to be free of all Caribbean Fruit Flies based on trappings
FREE_RANGE	The item comes from a chicken able access to an outdoor area.
GRASS_FED	The item comes from an animal (bird, fish, or mammal), that is grass fed.
GREENHOUSE	Plants that are grown and cultivated in an indoor covered place.
HUMANELY_RAISED	A process where animals are raised such that the welfare of the animal is a foremost concern.
HYDROPONIC	Plants grown using mineral nutrient solutions instead of soil.
INTEGRATED_PEST_MANAGEMENT	(IPM) Plants grown using a pest control strategy that uses an array of complimentary methods: mechanical devices, physical devices, genetic, biological, legal, cultural management and chemical management. These methods are done in three stages: prevention, observation, and intervention. It is an ecological approach with a main goal of significantly reducing or eliminating the use of pesticides.
ORGANIC	Foods grown organically, either indoors or outdoors
SHADE_GROWN	Plant grown under shade of a canopy of trees; typically used in the cultivation of coffee
SUSTAINABLE	A method of growing a resource so that the resource is not depleted or permanently damaged



WILD	The item from an animal (bird, fish, or mammal), caught in the wild not in captivity.
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6.71. GS1 Trade Item Identification Key Type Code

GS1 Code List	GS1TradeItemIdentificationKeyTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
GTIN_8	The 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items.
GTIN_12	The 12-digit GS1 Identification Key composed of a U.P.C. Company Prefix, Item Reference, and Check Digit used to identify trade items.
GTIN_13	The 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items.
GTIN_14	The 14-digit GS1 Identification Key composed of an Indicator digit (1-9), GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items.

6.72. Hanger Standard Agency Code

GS1 Code List	HangerStandardAgencyCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	TypeHangerAgencyList
Type Of Management	n/a
Code Value	Code Definition
SKRS	Standard-Kleiderbügel-Rückführsystem
VICS	Voluntary Interindustry Commerce Solutions Association



6.73. Hazardous Materials Transportation Mode Agency Code

GS1 Code List	HazardousMaterialsTransportationModeAgencyCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
ADR	Accord Européen Relatif au Transport International des Marchandises Dangereuses par Route.
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods Code
OTHER	Any other hazardous materials transportation scheme or agency not specifically included in this list.
USDOT	United States Department of Transportation

6.74. Hazardous Materials Transportation Mode Code

GS1 Code List	HazardousMaterialsTransportationModeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
DOMESTIC_AIR_CARGO	Transported by aircraft within a single country with no paid passengers.
DOMESTIC_AIR_PASSENGER	Transported by aircraft within a single country with paid passengers.
GROUND	Transportation of the goods is done by road or rail, but not by air.
INTERNATIONAL_AIR_CARGO	Transported by aircraft across borders with no paid passengers.
INTERNATIONAL_AIR_PASSENGER	Transported by aircraft across borders with no paid passengers.
VESSEL_DOMESTIC	Transported by ship within a single country.
VESSEL_INTERNATIONAL	Transported by ship across borders.



6.75. Hazardous Substances Minimization Code

GS1 Code List	HazardousSubstancesMinimizationCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
EN_13428	Packaging - Requirements specific to manufacturing and composition Prevention by source reduction
ISO_18602	ISO, Packaging and the environment -- Optimization of the packaging system
OTHER	Code value not available in code list.

6.76. Health Claim Code

GS1 Code List	HealthClaimCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
PROBIOTIC	To indicate the value of probiotics

6.77. HDMI Feature Code

GS1 Code List	HDMIFeatureCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
DEEP_COLOR	A term used to describe a method of representing graphical image data using an extremely large number of shades, hues and luminosities, capable of displaying billions of possible colors.
DOLBY_TRUE_HD	an advanced lossless multi-channel audio codec developed by Dolby Laboratories which is intended primarily for high-definition home-entertainment equipment
DTS_HD_MASTER_AUDIO	A lossless audio codec created by Digital Theater System.
HIGH_SPEED_CABLE	For use with high definition content.
HDMI_CEC	Consumer Electronics Control
LIP_SYNC_CORRECTION	The relative timing of audio (sound) and video (image) portions during creation, post-production (mixing), transmission, reception and play-back processing.



MINI_CONNECTOR	For use in linking two units together for a digital connection.
NOT_APPLICABLE	A statement that an affirmative or negative response is not required for the attribute.
X_V_COLOR	x.v.Color;

6.78. HDMI Testing Agency Code

GS1 Code List	HDMITestingAgencyCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
1	Not Certified
2	No HDMI ports
3	SimplayHD
4	Silicon Image Inc - Sunnyvale CA
5	Silicon Image Inc - Shenzhen China
6	Silicon Image Inc - Shanghai China
7	Philips Semiconductors – Europe
8	Matsushita Electrical Industrial Co Ltd - Osaka Japan
9	Sony Corporation - Tokyo Japan

6.79. Healthcare Trade Item Reusability Type Code

GS1 Code List	HealthcareTradeItemReusabilityTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
LIMITED_REUSABLE	Manufacturer has indicated that product may be reused but has provided special instructions, limitations or guidelines around the reuse of this trade item.
REUSABLE	Product can be reused
REUSABLE_SAME_PATIENT	Product can only be reused for the same patient.
SINGLE_USE	Item is not intended to be reused.



6.80. Import Classification Type Code

GS1 Code List	ImportClassificationTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
CUSTOMS_TARIFF_NUMBER	NOT AVAILABLE
CTCURBK	Customs Tariff Of The Customs Union Between Russia Belarus And Kazakhstan
FEACNRF	Foreign Economic Activity Commodity Nomenclature of Russian Federation
HARMONIZED_COMMODITY_DESCRIPTION_AND_CODING_SYSTEM	An internationally standardized system of names and numbers for classifying traded products developed and maintained by the World Customs Organization (WCO)
HARMONIZED_TARIFF_SCHEDULE_OF_THE_US	Tariff classifications for goods imported into the United States
INTRASTAT	A system for collecting information and producing statistics on the trade in goods between countries of the European Union (EU).
INTRASTAT_COMBINED_NOMENCLATURE	Collection of commodity codes used with the European Union.
MERCOSUR	A regional trade agreement created in 1991, and it is integrated by Brazil, Argentina, Uruguay, Paraguay and Venezuela.
NETHERLANDS	Netherlands
TARIF_INTEGRE_DE_LA_COMMUNAUTE	Integrated Tariff of the European Community.
TN_VED	A commodity nomenclature of foreign-economic activity in Commonwealth of Independent States.



6.81. Ingredient of Concern Code

GS1 Code List	IngredientOfConcernCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
IODISED_SALT	Iodised Salt
RAW_MILK	Raw Milk

6.82. Internal Memory Type Code

GS1 Code List	InternalMemoryTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
DDR3	A random access memory technology used for high speed storage of the working data of a computer or other digital electronic device.
HARD_DRIVE	A storage device that stores digitally encoded data on rotating platters with magnetic surfaces.
NOT_APPLICABLE	A statement that an affirmative or negative response is not required for the attribute.

6.83. Item Depiction Code

GS1 Code List	ItemDepictionCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
ASSEMBLED	The item has been put together.
GIFT_WRAPPED	The item has been wrapped as a gift, with decorative paper, ribbon, etc.
OTHER	Other
UNSPECIFIED	Value not stated.



6.84. Item Position Code

GS1 Code List	ItemPositionCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
HELD	The item is being held by a model.
LIMBO	The item is suspending in such a fashion as to appear to have nothing holding it.
OTHER	Other
PROPPED	The item is propped or leaning against some other object.
UNSPECIFIED	Value not stated.

6.85. Level Of Containment Code

GS1 Code List	LevelOfContainmentCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
CONTAINS	Intentionally included in the product.
FREE_FROM	The product is free from the indicated substance.
MAY_CONTAIN	The substance is not intentionally included, but due to shared production facilities or other reasons, the product may contain the substance.

6.86. Mass Equivalent Code

GS1 Code List	MassEquivalentCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
FRESH_WATER_CONSUMPTION	Fresh water consumption.
IONIZING_RADIATION_HUMAN	The measurement protocol used to determine Ionizing Radiation.
LAND_USE	Land use
NON_RENEWABLE_RESOURCE_DEPLETION	A measure of the depletion of non-renewable resources, i.e. a decrease in the availability of resources.



OTHER	Code value not available in code list.
OZONE_DEPLETION	Indicates the amount of materials contributing to the degradation of the earth's stratospheric ozone layer caused by certain types of pollutants, such as chlorofluorocarbons.
PARTICULATE_RESPIRATORY_EFFECTS	Measurement of emissions of particulate matter having human health effects such as asthma, lung cancer, cardiovascular issues and premature death in cases of chronic exposure.
PHOTOCHEMICAL_OZONE_CREATION_POTENTIAL_POCP	Mass of non-methane volatile organic compound equivalents: A measurement of the potential of ozone creation at ground level (i.e. tropospheric ozone) through photochemical transformation of ozone precursor emissions.

6.87. Mass Equivalent Fresh Water Consumption Protocol Code

Use when mass equivalent code= FRESH_WATER_CONSUMPTION

GS1 Code List	MassEquivalentFreshWaterConsumptionProtocolCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
GPPS_2DOT0	GPPS_2DOT0
OTHER	Code value not available in code list.

6.88. Mass Equivalent Fresh Water Consumption Substance Code

Use when mass equivalent code= FRESH_WATER_CONSUMPTION

GS1 Code List	MassEquivalentFreshWaterConsumptionSubstanceCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
M3_PER_FU	M3 per functional unit.
OTHER	Code value not available in code list.



6.89. Mass Equivalent Ionizing Radiation Human Protocol Code

Use when mass equivalent code= IONIZING_RADIATION_HUMAN

GS1 Code List	MassEquivalentIonizingRadiationHumanProtocolCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
FRISCHKNECHT_2000	FRISCHKNECHT 2000
OTHER	Code value not available in code list.

6.90. Mass Equivalent Ionizing Radiation Human Substance Code

Use when mass equivalent code= IONIZING_RADIATION_HUMAN

GS1 Code List	MassEquivalentIonizingRadiationHumanSubstanceCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
KG_U235_EQ_PER_FU	Kilogram U235 equivalent per functional unit.
OTHER	Code value not available in code list.

6.91. Mass Equivalent Land Use Protocol Code

Use when mass equivalent code= LAND_USE

GS1 Code List	MassEquivalentLandUseProtocolCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
ECOINDICATOR_99	ECOINDICATOR 99
RECIPE_LAND_OCCUPATION	Recipe land occupation.
IMPACT_2002_PLUS	IMPACT 2002 PLUS
OTHER	Code value not available in code list.



6.92. Mass Equivalent Land Use Substance Code

Use when mass equivalent code= LAND_USE

GS1 Code List	MassEquivalentLandUseSubstanceCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
M2_YEAR_EQ_PER_FU	m ² year per functional unit
M2_YEAR_ORGANIC_ARABLE_LAND_EQ_PER_FU	m ² year organic arable land equivalent per functional unit
M2_YEAR_URBAN_LAND_EQ_YEAR_PER_FU	m ² year urban land equivalent per functional unit
OTHER	Code value not available in code list.

6.93. Mass Equivalent Nonrenewable Resource Depletion Protocol Code

Use when mass equivalent code= NON_RENEWABLE_RESOURCE_DEPLETION

GS1 Code List	MassEquivalentNonrenewableResourceDepletionProtocolCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
CML_2002	CML_2002
EDIP_1997	EDIP_1997
OTHER	Code value not available in code list.

6.94. Mass Equivalent Non Renewable Resource Depletion Substance Code

Use when mass equivalent code= NON_RENEWABLE_RESOURCE_DEPLETION

GS1 Code List	MassEquivalentNonrenewableResourceDepletionSubstance Code
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
KG_ANTIMONY_EQUIVALENTS_PER_FU	Kilograms antimony equivalent per functional unit.



OTHER	Code value not available in code list.
PERSON_RESERVE_KG_PER_FU	Person reserve kilograms per functional unit.

6.95. Mass Equivalent Ozone Depletion Protocol Code

Use when mass equivalent code= OZONE_DEPLETION

GS1 Code List	MassEquivalentOzoneDepletionProtocolCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
WMO_1990	WMO_1990
OTHER	Code value not available in code list.

6.96. Mass Equivalent Ozone Depletion Reference Substance Code

Use when mass equivalent code= OZONE_DEPLETION

GS1 Code List	MassEquivalentOzoneDepletionReferenceSubstanceCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
KG_CFC_11_EQ_PER_FU	Kilograms CFC-11 equivalent per functional unit.
OTHER	Code value not available in code list.

6.97. Mass Equivalent Particulate Respiratory Effects Protocol Code

Use when mass equivalent code= PARTICULATE_RESPIRATORY_EFFECTS

GS1 Code List	MassEquivalentParticulateRespiratoryEffectsProtocolCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
OTHER	Code value not available in code list.
RECIPE	RECIPE



6.98. Mass Equivalent Particulate Respiratory Effects Reference Substance Code

Use when mass equivalent code= PARTICULATE_RESPIRATORY_EFFECTS

GS1 Code List	MassEquivalentParticulateRespiratoryEffectsReferenceSubstanceCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
KG_PM10_EQ_PER_FU	Kilograms PM10 equivalent per functional unit.
KG_PM2DOT5_EQ_PER_FU	Kilograms PM2DOT5 equivalent per functional unit.
OTHER	Code value not available in code list.

6.99. Mass Equivalent Photochemical Ozone Creation Potential Protocol Code

Use when mass equivalent code= PHOTOCHEMICAL_OZONE_CREATION_POTENTIAL_POCP

GS1 Code List	MassEquivalentPhotochemicalOzoneCreationPotentialProtocolCode
GS1 Code List Version	r1 (February2012)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
OTHER	Code value not available in code list.
RECIPE	Recipe

6.100. Mass Equivalent Photochemical Ozone Creation Potential Substance Code

Use when mass equivalent code= PHOTOCHEMICAL_OZONE_CREATION_POTENTIAL_POCP

GS1 Code List	MassEquivalentPhotochemicalOzoneCreationPotentialSubstanceCode
GS1 Code List Version	r1 (February2012)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
KG_NMVOC_EQ_PER_FU	KG non-methane volatile organic compounds equivalent per functional unit.
OTHER	Code value not available in code list.



6.101. Material Agency Code

GS1 Code List	MaterialAgencyCode	
GS1 Code List Version	r1 (February2012)	
Managing Agency	GS1	
Based on Code List	n/a	
Type Of Management	n/a	
Code Value	Code Name	Code Definition
ANSI	American National Standards Institute	American National Standards Institute (ANSI) oversees the creation, promulgation and use of thousands of norms and guidelines that directly impact businesses in nearly every sector: from acoustical devices to construction equipment, from dairy and livestock production to energy distribution, and many more. ANSI is also actively engaged in accrediting programs that assess conformance to standards. - http://www.ansi.org/
ASME	American Society of Mechanical Engineers	The American Society of Mechanical Engineers (ASME) is a professional body, specifically an engineering society, focused on mechanical engineering. The organization's stated vision is to be the premier organization for promoting the art, science and practice of mechanical and multidisciplinary engineering and allied sciences to the diverse communities throughout the world. Its stated mission is to promote and enhance the technical competency and professional well-being of its members, and through quality programs and activities in mechanical engineering, better enable its practitioners to contribute to the well-being of humankind. Http://www.asme.org/
ASTM	American Society for Testing and Materials	American Society for Testing and Materials International (ASTM) specification documents, test methods, classifications, practices, and guides. These standards describe the characteristics of materials, systems, products, and services. ASTM documents are divided into nine sections, Metals, Construction, Paints, Petroleum Products, Plastics, Textiles, Rubber & Electric Insulating Materials, General Test Methods, and Miscellaneous. ASTM technical committees are made up of professionals from around the globe who develop ASTM standards. There are over 130 ASTM technical committees covering diverse industry areas ranging from metals to the environment. http://www.astm.org

CISPI	Cast Iron Soil Pipe Institute	Cast Iron Soil Pipe Institute (CISPI) The Institute is dedicated to aiding and improving the plumbing industry. Through the preparation and distribution of technical reports, we seek to advance interest in the manufacture, use and distribution of cast iron soil pipe and fittings, and through a program of research and the cooperative effort of soil pipe manufacturers, we strive to improve the industry's products, achieve standardization of cast iron soil pipe and fittings, and provide a continuous program of product testing, evaluation and development. Assurance that pipe and fittings meet the approved standards and tolerances of the Institute is provided either by CIP®; or the CI NO-HUB® trademarks which are the collective marks all member companies may place on their products. www.cispi.org
CSA	Canadian Standards Association	Canadian Standards Association (CSA) As a membership-based association serving business, industry, government and consumers in Canada and the global marketplace. As a solutions-oriented organization, CSA works in Canada and around the world to develop standards that address real needs, such as enhancing public health and safety. Advancing the quality of life. Helping to preserve the environment. Facilitating trade. CSA helps people understand standards through education and information products and services.
DIN60001_PART4	Deutsches Institut für Normung 60001 Part 4.	Textile Fibres Codes managed by the Deutsches Institut für Normung.
IAPMO	International Association of Plumbing and Mechanical Officials	International Association of Plumbing and Mechanical Officials (IAPMO) As a membership-based association, IAPMO is proud to utilize an open consensus process in the development of our flagship Uniform Plumbing Code® and Uniform Mechanical Code®. These codes are established through scientific research, debate, and analysis, strengthening our position at the forefront of the plumbing and mechanical industries. www.iapmo.org
ISO	International Organization for Standardization	International Organization for Standardization (ISO) ISO is a non-governmental organization that forms a bridge between the public and private sectors. On the one hand, many of its member institutes are part of the governmental structure of their countries, or are mandated by their government.
MSS	Manufacturers Standardization Society	The Manufacturers Standardization Society (MSS) of the Valve and Fittings Industry is a non-profit technical association organized for development and improvement of industry, national and international codes and standards for: Valves, Valve Actuators, Pipe Fittings, Valve Modification, Flanges, Pipe Hangers, and Associated Seals. The primary function of MSS is to provide its members the means to develop engineering standard practices for the use and benefit of the industry and users of its products. The Society, the only organization dedicated solely to the technical needs of the industry, is currently comprised of 25 technical committees to write, revise and reaffirm industry standards. http://mss-hq.org/



NSF	National Sanitation Foundation International	National Sanitation Foundation International (NSF) NSF Internal helps protect you by certifying products and writing standard for food, water and consumer goods. NSF International is The Public Health and Safety Company™, providing public health and safety risk management solutions to companies, governments and consumers around the world. www.nsf.org
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6.102. Maturation Method Code

GS1 Code List	MaturationMethodCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
PRECONDITIONED	Product stored at proper temperature prior to shipment to allow ripening and/or colouring, adequate for distribution and/or consumption. Pre-conditioned product is matured to a specific maturity level as a result of ripening through either temperature, gas treatment, humidity or any combination thereof.
TREE_VINE_RIPE	Product that is picked at optimum maturity or just shy of. It is almost 'ripe' or 'ready to eat'. This fruit will be shipped immediately (imported = flown) from the pack-house and stickered as Tree or Vine Ripe.
JET_FRESH	Freshly picked and immediately packed and shipped at mature stage and flown to destination for adequate distribution (i.e. imports from South America, Africa or Europe). Flown by jet to market; the carton will be labelled Jet Fresh, when applicable, stickered Jet Fresh. For the produce industry, most common with berries, stonefruits and pineapples

6.103. Measurement Precision Code

GS1 Code List	MeasurementPrecisionCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
APPROXIMATELY	The method used to analyse the products resulted in approximate value of the nutritional content.
EXACT	The method used to analyse the products resulted in exact value of the nutritional content.
LESS_THAN	To indicate presence when the measurement value is too small to be measured precisely (rule states less than 0.5).



6.104. Measurement Unit Code (GDSN)

GS1 Code List		MeasurementUnitCode (GDSN)
GS1 Code List Version		R1
Managing Agency		UN/ECE
Based on Code List		Rec 20
Type Of Management		Restricted and Extended
Code Value	Code Name	Code Definition
23	Grams Per Cubic Centimetre	Grams Per Cubic Centimetre
28	Kilogram per square metre	A unit of pressure equal to 9.80665×10^{-05} Bar
58	Net kilogram	A unit of mass defining the total number of kilograms after deductions.
59	Part per million	A unit of proportion equal to 10^{-6} (ppm).
64	Pound per square inch - Gauge	Psig (pound-force per square inch gauge) is a unit of pressure relative to the surrounding atmosphere. At sea level, Earth's atmosphere actually exerts a pressure of 14.7 psi. Humans do not feel this pressure because internal pressure of liquid in their bodies matches the external pressure. If a pressure gauge is calibrated to read zero in space, then at sea level on Earth it would read 14.7 psi. Thus a reading of 30 psig, on Earth, on a tire gauge represents an absolute pressure of 44.7 psi (lb/in ²).
80	Pound per square inch - Absolute	Psia (pound-force per square inch absolute) is a unit of pressure pressure relative to a vacuum (such as that in space). At sea level, Earth's atmosphere actually exerts a pressure of 14.7 psi. Humans do not feel this pressure because internal pressure of liquid in their bodies matches the external pressure. If a pressure gauge is calibrated to read zero in space, then at sea level on Earth it would read 14.7 psi. Thus a reading of 30 psig, on Earth, on a tire gauge represents an absolute pressure of 44.7 psi (lb/in ²).
2N	Decibel	A measurement for sound in air and other gases, relative to 20 micropascals (μPa) = 2×10^{-5} Pa, the quietest sound a human can hear. This is roughly the sound of a mosquito flying 3 metres away. This is often abbreviated to just "dB"; however the correct abbreviation is dB(SPL), indicating decibel for Sound Pressure Level.
2P	Kilobyte	A unit of information equal to 10^3 (1000) bytes.
2Q	Kilo Becquerel	kBq is 10^3 Bq
2X	Metre Per Minute	Metre Per Minute



4G	Microlitre	A microlitre is one millionth of a litre
4H	Micrometre	A micrometre is one millionth of a metre, also termed Micron.
4L	Megabyte	A unit of information equal to 10^6 (1000000) bytes.
5B	Batch	A unit of count defining the number of batches (batch: quantity of material produced in one operation or number of animals or persons coming at once).
A24	Candela per Square Metre	Candela per Square Metre
A71	Femtometre	Femtometre- a quadrillionth of a metre (10 to the negative 15th power)
A86	Gigahertz	A unit of frequency equal to 10^9 Hertz
AD	Byte	A unit of information equal to 8 bits.
AIU	Anti XA Unit (International Units)	A unit of measure for blood potency. International units for the anti XA activity which is a measure to the anti coagulating effect at low molecular heparins. A unit of measure for blood potency
AMP	Ampere	Ampere
ANN	Year	Unit of time equal to 365,25 days.
APZ	Troy ounce or apothecary ounce	The troy ounce is a unit of imperial measure. In the present day it is most commonly used to gauge the weight and therefore the price of precious metals. One troy ounce equals 480 grains or 31.1035 grams.
AS	Assortment	A unit of count defining the number of assortments (assortment: set of items grouped in a mixed collection).
AWG	Gauge	Gauge- A number referring to the outer diameter of hypodermic or suture needles. Smaller gauge numbers indicate larger outer diameters. Inner diameter depends on both gauge and wall thickness. An increasing needle-gauge size corresponds to a smaller diameter needle. This is contrary to French Gauge where an increasing gauge size corresponds to a larger external diameter.
AXU	Anti XA Unit	A unit of measure for blood potency. Units for the anti XA activity which is a measure to the anti coagulating effect at low molecular heparins.
B10	Bit per second	In telecommunications and computing, bitrate (sometimes written bit rate, data rate or as a variable R or fb) is the number of bits that are conveyed or processed per unit of time. The bit rate is quantified using the bits per second (bit/s or bps) unit.
BAR	Bar (unit of pressure)	The bar is widely used in descriptions of pressure;



		1 bar = 100 kilopascals 0.987 atmospheres.
B60	Lumens per Square Meter	Lumens per Square Meter
BB	Base box	A unit of area of 112 sheets of tin mill products (tin plate, tin free steel or black plate) 14 by 20 inches, or 31,360 square inches.
BFT	Board Foot	A specialized unit of measure for the volume of rough lumber (before drying and planing with no adjustments) or planed/surfaced lumber. It is the volume of a one-foot length of a board one foot wide and one inch thick. Some countries utilize the synonym super foot or superficial foot.
BLL	Barrel US	There are varying standards for barrel for some specific commodities, including 31 gal for beer, 40 gal for whiskey or kerosene, and 42 gal for petroleum. The general standard for liquids is 31.5 gal or half a hogshead; the general standard for dry contents is 7,056 Cubic Inches.
BP	Hundred board foot	A unit of volume equal to one hundred board foot.
BPM	Beats Per Minute	Beats Per Minute
BQL	Becquerel	The becquerel (symbol Bq) is the SI derived unit of radioactivity. One Bq is defined as the activity of a quantity of radioactive material in which one nucleus decays per second. SI uses the becquerel rather than the second for the unit of activity measure to avoid dangerous mistakes: a measurement in becquerels is proportional to activity, and thus a more dangerous source of radiation gives a higher reading. A measurement in seconds is inversely proportional.
BTU	British thermal unit	The British thermal unit (BTU or Btu) is a traditional unit of energy. It is approximately the amount of energy needed to heat one pound of water one degree Fahrenheit. One Btu is equal to about 1.06 kilojoules. It is used in the power, steam generation, heating and air conditioning industries.
BUA	Bushel (US)	A bushel is an imperial and U.S. customary unit of dry volume, equivalent in each of these systems to 4 pecks or 8 gallons. It is used for volumes of dry commodities (not liquids), most often in agriculture
BUI	Bushel (UK)	A bushel is an imperial and U.S. customary unit of dry volume, equivalent in each of these systems to 4 pecks or 8 gallons. It is used for volumes of dry commodities (not liquids), most often in agriculture
C18	Millimole	a millimole is one thousandth of a mole.
C26	Millisecond	A millisecond (from milli- and second; abbreviation: ms) is a thousandth (1/1000) of a second.
C34	Mole	The mole (symbol mol) is the SI base unit of amount of substance; one of a few units used to measure this physical quantity. A mole will possess mass exactly equal to the substance's molecular or atomic weight in grams.

		That is to say, a substance's atomic or molecular mass in atomic mass units is the same as its molar mass in grams. Because of this, one can measure the number of moles in a pure substance by weighing it and comparing the result to its molecular or atomic weight
C45	Nanometre	Nanometre- a billionth of a metre (10 to the negative 9th power)
C52	Picometre	Picometre- a trillionth of a metre (10 to the negative 12th power)
CEL	Degree Celsius	Celsius (also historically known as centigrade) is a temperature scale, the freezing point of water is 0 degrees Celsius (°C) and the boiling point 100 °C (at standard atmospheric pressure), placing the boiling and freezing points of water exactly 100 degrees apart.
CFU	Colony Forming Units	Colony Forming Units: is a rough estimate of the number of viable bacteria or fungal cells in a sample.
CG	Card	A unit of count defining the number of units of card (card: thick stiff paper or cardboard).
CGM	Centigram	A centigram is one hundredth (1/100) of a gram
CLT	Centilitre	A centilitre is one hundredth (1/100) of a litre
CMK	Square centimetre	A square centimetre is an area of a square whose sides are exactly 1 centimetre in length.
CMQ	Cubic centimetre	A cubic centimetre is the volume of a cube of side length one centimetre (0.01 m) equal to a millilitre.
CMT	Centimetre	A centimetre is equal to one hundredth of a metre.
CWA	Hundred pound (cwt) / hundred weight (US)	A unit of weight in the U.S. Customary System equal to 100 pounds (45.36 kilograms); also called cental.
CWI	Hundred weight (UK)	A unit of weight in the British Imperial System equal to 112 pounds (50.80 kilograms); also called quintal.
D19	Square Metre Kelvin Per Watt	Square metre kelvin per watt .The definition is the thermal resistance (or Rd value) of the material, which is measured by the thickness of the material layer divided by the thermal conductivity of the material. and is expressed in m ² K/W.
D29	Terahertz	A unit of frequency equal to 10 ¹² Hertz
D30	Terajoule	A terajoule is 10 ¹² joules
D32	Terawatt hour	A terawatt hour is 10 ⁹ * kilowatt hour or 3.6 petajoules.
D43	Atomic Mass Units (AMU)	Atomic Mass Units
D5	Kilogram per square centimetre	A kilogram-force per square centimeter (kgf/cm ²), often just kilogram per square centimeter (kg/cm ²), or kilopond per square centimeter is a unit of pressure using metric units. Its use is now

		deprecated; it is not a part of the International System of Units (SI), the modern metric system. The unit is similar to the English unit psi (lbf/in ²).
D55	Heat Transfer Coefficient	Heat Transfer Coefficient
D63	Book	A unit of count defining the number of books (book: set of items bound together or written document of a material whole).
D70	Calorie - International Table (IT)	A calorie is 1/100 of the amount of energy required to warm one gram of air-free water from 0 °C to 100 °C at standard atmospheric pressure; this is about 4.190 J. Its use is archaic, having been replaced by the SI unit of energy, the joule. However, in many countries it remains in common use as a unit of food energy. In the context of nutrition, and especially food labelling, the calorie is approximately equal to 4.1868 joules (J), and energy values are normally quoted in kilojoules (kJ) and kilocalories (kcal).
DAY	Days	A day is one three hundreds and sixty fifth (1/365) of a year
DD	Degree (Unit of Angle)	A measurement of plane angle, representing 1/360 of a full rotation; one degree is equivalent to $\pi/180$ radians.
DG	Decigram	A decigram is one tenth (1/10) of a gram.
DLT	Decilitre	A decilitre is one tenth (1/10) of a litre.
DMK	Square decimetre	A square decimetre is an area of a square whose sides are exactly 1 decimetre in length.
DMQ	Cubic decimetre	A cubic decimetre is the volume of a cube of side length one decimetre (0.1 m)
DMT	Decimetre	A decimetre is equal to one tenth of a metre.
DRA	Dram (US)	<p>The dram (archaic spelling drachm) was historically both a coin and a weight. Currently it is both a small mass in the Apothecaries' system of weights and a small unit of volume. This unit is called more correctly fluid dram or in contraction also fluidram.</p> <p>The term also refers to the fluid dram, a measure of capacity equal 1/8 of a fluid ounce, which means it is exactly equal to 3.696 691 195 312 5 mL in the United States.</p>
DRI	Dram (UK)	<p>The dram (archaic spelling drachm) was historically both a coin and a weight. Currently it is both a small mass in the Apothecaries' system of weights and a small unit of volume. This unit is called more correctly fluid dram or in contraction also fluidram.</p> <p>The fluid dram is defined as 1/8 of a fluid ounce, which means it is exactly equal to 3.551 632 812 500 0 mL in the Commonwealth and Ireland.</p> <p>In England dram came to mean a small draught of cordial or alcohol; hence the term dram-house for</p>

		the taverns where one could purchase a dram.
DZN	Dozen	A unit of count defining the number of units in multiples of 12.
E09	Milliampere hour	Milliampere hour
E14	Kilocalorie (international table)	A unit of energy equal to 1000 calories.
E27	Dose	A unit of count defining the number of doses (dose: a definite quantity of a medicine or drug).
E32	Litre Per Hour	Litre Per Hour
E34	Gigabyte	A unit of information equal to 10^9 bytes.
E35	Terabyte	A unit of information equal to 10^{12} bytes.
E37	Pixel	A unit of count defining the number of pixels (pixel: picture element).
E39	Dots per inch	A unit of count defining the number of dots per linear inch as a measure of the resolution or sharpness of a graphic image.
E4	Gross kilogram	A unit of mass defining the total number of kilograms before deductions.
E55	Use	A unit of count defining the number of times an object is used.
EA	Each	A unit of count defining the number of items regarded as separate units.
ELU	ELISA Units	Enzyme-linked immunosorbent assay unit, is always associated with a product and a method.
F27	Gram Per Hour	Gram Per Hour
FAH	Degree Fahrenheit	The Fahrenheit temperature scale, the freezing point of water is 32 degrees Fahrenheit ($^{\circ}$ F) and the boiling point 212 $^{\circ}$ F (at standard atmospheric pressure), placing the boiling and freezing points of water exactly 180 degrees apart.
FH	Micromole	One millionth (10^{-6}) of a mole.
FOT	Foot	The international foot is defined to be equal to 0.3048 meters.
FP	Pound per square foot	A non SI unit of Pressure approximately equal to 47.88025 PASCAL's.
FTK	Square foot	A square foot is an area of a square whose sides are exactly 1 foot in length.
FTQ	Cubic foot	A cubic foot is the volume of a cube of side length one foot (0.3048 m) .
G23	Peck	A peck is an imperial and U.S. customary unit of dry volume, equivalent in each of these systems to 2 gallons, 8 dry quarts, or 16 dry pints.
G24	Tablespoon	Tablespoon. 1/2 fluid ounces, 3 teaspoons, 15 millilitres



G25	Teaspoon	Teaspoon. 1/6 fluid ounces or 5 millilitres
GBQ	Gigabecquerel	A unit of activity equal to 10^9 becquerels.
GLI	Gallon (UK)	The imperial (UK) gallon was legally defined as 4.54609 litres.
GLL	Gallon (US)	The U.S. liquid gallon is legally defined as 231 cubic inches, and is equal to exactly 3.785411784 litres or about 0.133680555 cubic feet.
GM	Gram per square metre	In the metric system, the density of all types of paper, paperboard, and fabric, is expressed in terms of grams per square meter (g/m^2). This quantity is commonly called grammage both in English and French (ISO 536), though many English-speaking countries still refer to the "weight". The term density here is used somewhat incorrectly, as density is mass by volume. More precisely, it is a measure of the area density, areal density, or surface density.
GRM	Gram	A gram is defined as one one-thousandth of the kilogram (1×10^{-3} kg).
GRN	Grain	A grain or troy grain is precisely 64.79891 milligrams. Exactly 7,000 grains per avoirdupois pound.
GRO	Gross	A unit of count defining the number of units in multiples of 144 (12×12).
GWH	Gigawatt hour	A gigawatt hour is 10^9 kilowatt hour or 3.6 terajoules.
H79	French gauge	The French scale (most correctly abbreviated as Fr, but also often abbreviated as FR or F) is commonly used to measure the catheter size (Circumference is in millimeters), in which 1 Fr = 0.33 mm in diameter. In the French Gauge system as it is also known, the diameter in millimeters of the catheter can be determined by dividing the French size by 3, thus an increasing French size corresponds with a larger diameter catheter. The following equations summarize the relationships: $D(\text{mm}) = \text{Fr}/3$ or $\text{Fr} = D(\text{mm}) * 3$
H87	Piece	A unit of count defining the number of pieces (piece: a single item, article or exemplar).
HC	Hundred count	A unit of count defining the number of units counted in multiples of 100.
HD	Half dozen	A unit of count defining the number of units in multipl of six (6).
HEP	Histamine Equivalent Prick	Histamine equivalent prick testing for allergen.
HGM	Hectogram	A hectogram is one hundred (100) grams
HLT	Hectolitre	A hectolitre is one hundred (100) litres.



HTZ	Hertz	A unit of frequency defined as the number of complete cycles per second; it is the basic unit of frequency in the International System of Units (SI).
HUR	Hour	An hour is a unit of measurement of time of the duration of 60 minutes, or 3600 seconds. It is 1/24 of a median Earth day.
INH	Inches	An international inch is defined to be equal to 25.4 millimeters.
INK	Square inch	A square inch is an area of a square whose sides are exactly 1 inch in length.
INQ	Cubic inch	A cubic inch is the volume of a cube of side length one inch (0.254 m).
JOU	Joule	A joule is the energy exerted by a force of one newton acting to move an object through a distance of one metre.
K6	Kilolitre	A kilolitre is one thousand (1000) litres.
KEL	Kelvin	Kelvin: a unit of absolute temperature equal to 1/273.16 of the absolute temperature of the triple point of water. One kelvin degree is equal to one Celsius degree.
KGM	Kilogram	A unit of mass equal to one thousand grams.
KHZ	Kilohertz	A unit of frequency equal to 10^3 Hertz
KIU	Kallikrein inactivator unit.	Kallikrein Inactivator Unit per Milliliter definition: An arbitrary unit of a kallikrein inactivator concentration equal to the concentration at which one milliliter of the mixture contains one unit of the kallikrein inactivator
KJO	Kilojoule	A kilojoule is 1000 joules
KMT	Kilometre	A kilometre is one thousand (1000) metres
KNM	Kilonewton Per Square Metre	Kilonewton Per Square Metre
KO	The milliequivalence caustic potash per gram of product	The milliequivalence caustic potash per gram of product. A unit of count defining the number of milligrams of potassium hydroxide per gram of product as a measure of the concentration of potassium hydroxide in the product.
KPA	Kilopascal- a thousand pascals (10 to the 3rd power)	Kilopascal- a thousand pascals (10 to the 3rd power)
KT	Kit	A unit of count defining the number of kits (kit: tub, barrel or pail).
KWH	Kilowatt hour	A kilowatt hour is a unit of energy equal to 3.6 megajoules. It is also a common commercial unit of electric energy representing the amount of energy delivered at a rate of 1,000 watts over a period of one hour.
KWT	Kilowatt	A kilowatt is one thousand (1000) watts



LBR	Pound	The international avoirdupois pound of exactly 0.45359237 kilogram.
LF	Linear foot	A unit of count defining the number of feet (12-inch) in length of a uniform width object.
LK	Link	A unit of distance equal to 0.01 chain.
LM	Linear metre	A unit of count defining the number of metres in length of a uniform width object.
LR	Layer	A unit of count defining the number of layers.
LTN	Ton (UK) or long ton (US)	Ton (UK) = 1016 Kg or 2240 Lb.
LTR	Litre	A litre is defined as a special name for a cubic decimetre (1 L = 1 dm ³ = 10 ³ cm ³).
LUX	Lux	The International System unit of illumination, equal to one lumen per square meter.
MAW	Megawatt	A unit of power defining the rate of energy transferred or consumed when a current of 1000 amperes flows due to a potential of 1000 volts at unity power factor.
MBR	Millibar	Millibar- a hundred pascals (10 to the 2nd power)
MC	Microgram	A microgram is one millionth of a gram (0.000001)
MEQ	Milliequivalents	mEq or milliequivalents, the measure is used in terms of milliequivalents of solute per liter of solvent (or milliNormal where mEq/L = mN). This is especially common for measurement of compounds in biological fluids; for instance, the healthy level of potassium in the blood of a human is defined between 3.5 and 5.0 mEq/L. To better be able to denote the units of measure for nutrients as used in business today.
MGM	Milligram	A milligram is one thousandth of a gram (0.001)
MHZ	Megahertz	A unit of frequency equal to 10 ⁶ Hertz
MIK	Square mile	A square mile is an area of a square whose sides are exactly 1 mile in length.
MIN	Minute (unit of time)	A minute is a unit of time equal to 1/60th of an hour or 60 seconds
MIU	Million International Unit (NIE)	A unit of count defining the number of international units in multiples of 10 ⁶ .
MLT	Millilitre	A millilitre is one thousandth of a litre (0.001)
MMK	Square millimetre	A square millimetre is an area of a square whose sides are exactly 1 millimetre in length.
MMQ	Cubic millimetre	A cubic millimetre is the volume of a cube of side length one millimetre (0.001 m)
MMT	Millimetre	A millimetre is one thousandth of a metre (0.001)
MON	Month	Unit of time equal to 1/12 of a year of 365,25 days



MPN	Most Probable Number	Most Probable Number: is a method of getting quantitative data on concentrations of discrete items from positive/negative (incidence) data..
MQH	Cubic Metre Per Hour	Cubic Metre Per Hour
MTK	Square metre	A square metre is an area of a square whose sides are exactly 1 metre in length.
MTQ	Cubic metre	A cubic metre is the volume of a cube of side length one metre.
MTR	Metre	The metre is the basic unit of length in the International System of Units (SI).
MWH	Megawatt hour (1000 kW.h)	A unit of energy defining the total amount of bulk energy transferred or consumed.
NIU	Number of International Units	A unit of count defining the number of international units. The International Unit is a unit of measurement for the amount of a substance, based on measured biological activity or effect. The unit is used for vitamins, hormones, some medications, vaccines, blood products, and similar biologically active substances
NU	Newton Metre	Newton Metre
ON	Ounces per square yard	The weight of one square yard of the material expressed in ounces. Commonly used to express the density or weight of all types of paper, paperboard, and fabric, e.g. 20 OZ or 20 Weight denim has an area density of 20 oz/yd ² . The term density here is used somewhat incorrectly, as density is mass by volume. More precisely, it is a measure of the area density, areal density, or surface density.
ONZ	Ounce	A unit of mass with several definitions, the most commonly used of which are equal to approximately 30 grams
OPM	Oscillations Per Minute	Oscillations Per Minute
OZA	Fluid ounce (US)	A fluid ounce (US) is equal to one sixteenth (1/16) of a US pint or 29.5735295625 millilitres .
OZI	Fluid ounce (UK)	A fluid ounce (UK) is equal to one thirtieth (1/30) of a UK pint or 28.4130625 millilitres.
P1	Percent	A unit of proportion equal to 0.01.
PAL	Pascal	The pascal (symbol: Pa) is the SI derived unit of pressure, stress, Young's modulus and tensile strength. It is a measure of force per unit area, defined as one newton per square metre.
PD	Pad	A unit of count defining the number of pads (pad: block of paper sheets fastened together at one end).
PFU	Plaque Forming unit(s)	Plaque Forming unit(s)



PNT	Point	A single unit on a scale of measurement as part of an incentive program or pricing structure used as a means of making a quantitative evaluation.
PR	Pair	A unit of count defining the number of pairs (pair: item described by two's).
PRS	Potential Renal Solute Load	Potential Renal Solute Load
PS	Pound-force per square inch	The pound-force per square inch (symbol: psi or lbf/in ² or lbf/in ²) is a unit of pressure or of stress based on avoirdupois units. It is the pressure resulting from a force of one pound-force applied to an area of one square inch. Other abbreviations are used that append a modifier to "psi". However, the US National Institute of Standards and Technology recommends that, to avoid confusion, any modifiers be instead applied to the quantity being measured rather than the unit of measure[1] For example, "Pg = 100 psi" rather than "P = 100 psig".
PTD	Dry Pint (US)	The United States dry pint is equal one eighth of a US dry gallon or one half US dry quarts. It is used in the United States but is not as common as the liquid pint.
PTI	Pint (UK)	A pint (UK) is equal to 1/8 Gallon (UK); used primarily as a measure for beer and cider when sold by the glass.
PTL	Liquid pint (US)	The US liquid pint is equal one eighth of a United States liquid gallon.
Q32	Femtolitre	Femtolitre- Femtolitre is the metric unit of volume equal to one thousand trillionth (European) or one quadrillionth (American) litre. One femtolitre is the same as one cubic micrometre (µm ³), which can be represented numerically as 0.00000000000001/liter.
Q33	Picolitre	Picoliter is the metric unit of volume equal to a trillionth (one millionth of a millionth) of a liter, which can be represented numerically as 0.000000000001/liter. just as the prefix nano denotes a billionth part
Q34	Nanolitre	Nanolitre is the metric unit of volume equal to one billionth of a litre, which can be represented numerically as 0.000000001/liter.
QB	Page - hardcopy	A unit of count defining the number of hardcopy pages (hardcopy page: a page rendered as printed or written output on paper, film, or other permanent medium).
QTD	Quart (US dry)	A US dry quart is equal to 1/32 of a US bushel, exactly 1.101220942715 litres.
QTL	Liquid quart (US)	A US liquid quart exactly equals 57.75 cubic inches, which is exactly equal to 0.946352946 litres.
RPM	Revolutions Per Minute	Revolutions Per Minute



SEC	Second (unit of time)	A second is a unit of time equal to 1/60th of an minute.
SET	Set	A unit of count defining the number of sets (set: a number of objects grouped together).
SMI	Mile (statute mile)	A statute mile of 5,280 feet (exactly 1,609.344 meters).
SQE	SQ-E	Number of allergens based on the SQ-E unit
STN	Ton (US) or short ton (UK)	Ton (US) = 2000 Lb or 907 Kg
SX	Shipment	A unit of count defining the number of shipments (shipment: an amount of goods shipped or transported).
TNE	Tonne	Metric ton = 1000 Kg
TPI	Teeth Per Inch	Teeth Per Inch
U2	Tablet	A unit of count defining the number of tablets (tablet: a small flat or compressed solid object).
VLТ	Volt	Volt
WEE	Week	A week is a time unit equal to seven days.
WHR	Watt hour	The watt-hour is a unit of energy equivalent to one watt of power expended for one hour of time; it is equal to 3.6 kilojoules. The watt-hour is rarely used to express energy in any form other than electrical.
WTT	Watt	A watt is a derived unit of power; one watt is equivalent to 1 joule (J) of energy per second.
X_CHD	Centesimal Hahnemannian Dilution (CH)	<p>A count of attenuation steps or dilution levels representing the homeopathic potency of a substance using the Hahnemannian (CH) method of attenuation; commonly denoted as CH1, CH2, CH3, etc.</p> <p>Each centesimal attenuation step represents one part source material combined with 99 parts dilution medium; commonly denoted as C1, C2, C3, etc.</p>
X_KVN	Korsakovian (K)	<p>A count of attenuation steps or dilution levels representing the homeopathic potency of a substance using the Korsakovian (K) method of attenuation; commonly denoted as CK1, CK2, CK3, etc.</p> <p>Each centesimal attenuation step represents one part source material combined with 99 parts dilution medium; commonly denoted as C1, C2, C3, etc.</p>
X_MLM	Millesimai (LM)	A count of attenuation steps or dilution levels representing the homeopathic potency of a substance where each attenuation step represents one part source material combined with 49,999 parts dilution medium; commonly denoted as LM1,



		LM2, LM3, etc.
X_MTC	Mother tincture (Dry material)	A count of a dry crud medical substance Mother tincture, when used for homeopathic preparations, are liquid preparations obtained by the solvent action of a suitable vehicle upon raw materials. The raw materials (medical substance) are usually in the fresh form but may be dried. Mother tinctures for homeopathic preparations may also be obtained from plant juices, with, or without the addition of a vehicle.
X_NGM	Nanogram	A nano gram is 10 ⁻⁹ gram or a billionth of a gram..
X_PPC	Pixel per centimetre	A unit of count defining the number of pixels per linear centimetre as a measurement of the resolution of devices in various contexts; typically computer displays, image scanners or digital camera image sensors.
X_PPI	Pixel per inch	A unit of count defining the number of pixels per linear inch (PPI) as a measurement of the resolution of devices in various contexts; typically computer displays, image scanners or digital camera image sensors.
X_SPS	Sample per second	A unit of count defining the number of samplings takes during a period of time
YDK	Square Yard	A square yard is the area of a square with sides of one yard (three feet, thirty-six inches, 0.9144 metres) in length
YRD	Yard	A yard is It is equal to 3 feet or 36 inches or 0.9144 meter.

6.105. Mesh Material Code

GS1 Code List	MeshMaterialCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
CPVC	Chlorinated polyvinyl chloride (CPVC) is a thermoplastic produced by chlorination of polyvinyl chloride (PVC) resin. Uses include hot and cold water pipe and industrial liquid handling.
PVC	Polyvinyl chloride, (IUPAC Polychloroethene) commonly abbreviated PVC, is a widely used thermoplastic polymer.
STAINLESS_STEEL	An iron carbon alloy with a minimum of 10.5% chromium content commonly called stainless steel.



6.106. Mesh Size Code

GS1 Code List	MeshSizeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
1	The mesh contains 10 openings in one square inch of mesh or screen
2	The mesh contains 100 openings in one square inch of mesh or screen.
3	The mesh contains 12 openings in one square inch of mesh or screen.
4	The mesh contains 20 openings in one square inch of mesh or screen.
5	The mesh contains 24 openings in one square inch of mesh or screen.
6	The mesh contains 30 openings in one square inch of mesh or screen.
7	The mesh contains 40 openings in one square inch of mesh or screen.
8	The mesh contains 50 openings in one square inch of mesh or screen.
9	The mesh contains 60 openings in one square inch of mesh or screen.
10	The mesh contains 80 openings in one square inch of mesh or screen.
11	The mesh contains holes or openings which measure 1/8 of an inch (3.17500 millimeters)
12	The mesh contains holes or openings which measure 1/4 of an inch (6.35 millimeters).
13	The mesh contains holes or openings which measure 1/16 of an inch (1.5875 millimeters)
14	The mesh contains holes or openings which measure 1/32 of an inch (0.79375 millimeters)
15	The mesh contains holes or openings which measure 3/16 of an inch (4.7625 millimeters).
16	The mesh contains holes or openings which measure 3/64 of an inch (1.190625 millimeters)
17	The mesh is a piece of solid material with holes of various sizes or random patterns.



6.107. Microbiological Organism Code

GS1 Code List	MicrobiologicalOrganismCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
AEROBE_MESOPHILES_COLONIES	To indicate the number of colonies of aerobe mesophiles. Aerobe: an organism that grows in the presence of oxygen. There may be facultative or obligate aerobes. Mesophile: organism living in the temperature range around that of warm-blooded animals, usually between 20-45°C.
AEROBE_MESOPHILES_MICROBIAL_COUNT	To indicate the bicobial count of aerobe mesophiles. Aerobe: an organism that grows in the presence of oxygen. There may be facultative or obligate aerobes. Mesophile: organism living in the temperature range around that of warm-blooded animals, usually between 20-45°C.
BACILLUS_CEREUS	To indicate the value of bacillus cereus
BIOBURDEN_MICROBIAL_COUNT	To indicate the total microbial count of bioburden. Bioburden: Degree of microbial contamination or microbial load; the number of microorganisms contaminating an object.
CAMPYLOBACTOR	To indicate the value of campylobactor
CLOSTRIDIUM_PERFRINGENS	To indicate the value of clostridium perfringens
COLIFORMS_AT_30_DEGREES_C	To indicate the value of coliforms at 30_c
COLIFORM_BACTERIA_AT_35_DEGREES_C	To indicate the value of coliform bacteria. Coliform: Gram-negative, nonsporing, facultative rods that ferment lactose with gas formation within 48 hours at 35 °C. Examples of coliform bacteria are members in the genera Escherichia (e.g. E. coli), Klebsiella (e.g. K. pneumoniae), Enterobacter (e.g. E. cloacai), and Citrobacter (e.g. C. freundii). Bacteria: bacterium (plural bacteria) See prokaryote. Prokaryote: A cell or organism lacking a unit membrane-bound (true) nucleus and other organelles, usually having its DNA in a single circular molecule.
COLIFORM_GERMS_AT_35_DEGREE_S_C	To indicate the value of coliform germs. Coliform: Gram-negative, nonsporing, facultative rods that ferment lactose with gas formation within 48 hours at 35 °C. Examples of coliform bacteria are members in the genera Escherichia (e.g. E. coli), Klebsiella (e.g. K. pneumoniae), Enterobacter (e.g. E. cloacai), and Citrobacter (e.g. C. freundii).
COLIFORMS_AT_44_DEGREES_C	To indicate the value of coliforms at 44_c or faecal coliforms
ENTEROBACTERIA	To indicate the value of enterobacteria

ENTEROCOCCACEA	Indication of the value of enterococcacea. The Enterococcaceae is a family of Gram-positive bacteria, placed within the order of Lactobacillales. Representative genera include Atopobacter, Enterococcus, Melissococcus, Pilibacter, Tetragenococcus, and Vagococcus. In this family are some important lactic acid bacterias (LAB) which produce lactic acid as the major metabolic end product.
ESCHERICHIA_COLI	To indicate the value of escherichia coli
ESCHERICHIA_COLI_O157_H7	To indicate the value of escherichia coli o157:h7
FAECAL_STREPTOCOCCI	To indicate the value of faecal_streptococci
FUNGI	To indicate the value of Fungi
HAEMOLYTIC_STREPTOCOCCI	To indicate the value of haemolytic streptococci
HAFNIA_ALVEI	To indicate the value of hafnia alvei
LISTERIA_MONOCYTOGENES	To indicate the value of listeria monocytogenes
MESOPHILIC_AEROBES	To indicate the value of mesophilic aerobes
MESOPHILIC_ANAEROBES	To indicate the value of mesophilic anaerobes
MILK_ACID	To indicate the value of milk-acid
MOULDS	To indicate the value of moulds
PATHOGENEN	To indicate the value of Pathogenen
POSITIVE_COAGULASE_STAPHYLOCOCCI	To indicate the value of positive coagulase staphylococci
PRESUMPTIVE_BACILLUS_CEREUS	Indication of the value of Presumptive Bacillus cereus. Presumptive <i>Bacillus cereus</i> : Members of Bacillur species that do not ferment mannitol, usually produce lecithinase, and exhibit β -haemolysis on blood agar.
PSEUDOMONAS	To indicate the value of pseudomonas
SALMONELLA	To indicate the value of Salmonella mesophilic aerobes
SHIGELLA	Indication of the value of Shigella. Shigella: Shigella is a genus of Gram-negative, non-spore forming rod-shaped bacteria closely related to Escherichia coli and Salmonella. Shigella is a genus of bacteria that are a major cause of diarrhea and dysentery – diarrhea with blood and mucus in the stools – throughout the world. The bacteria are transmitted by ingestion of contaminated food or water, or through person-to-person contact. In the body, they can invade and destroy the cells lining the large intestine, causing mucosal ulceration and bloody diarrhea.
STAPHYLOCOCCUS_AUREUS	To indicate the value of staphylococcus aureus
STAPHYLOCOCCUS_ENTEROTOXIN	To indicate the value of staphylococcus enterotoxin
SULPHITE_REDUCER_ANAEROBES_AT_46_DEGREES_C	To indicate the value of sulphite-reducer anaerobes 46_c
SULPHITE_REDUCER_CLOSTRIDIUM_AT_46_DEGREES_C	To indicate the value of sulphite-reducer clostridium 46_c



SULPHITE_REDUCING_CLOSTRIDA_SPORES	Indication of spores of sulphite reducing clostrida. Sulphite reducing clostrida: Anaerobic, spore-forming organisms, of which the most characteristics, Clostridium perfringens (C. welchii), is normally present in faeces, although in much smaller numbers than E. coli.
THERMOPHILIC_AEROBES	To indicate the value of thermophilic aerobes
THERMOPHILIC_ANAEROBES	To indicate the value of thermophilic anaerobes
VIBRIO_CHOLERAE	To indicate the value of vibriocholerae
VIBRIO_PARAHAEMOLYTICUS	To indicate the value of vibrio parahaemolyticus
YEASTS	To indicate the value of yeasts

6.108. MRI Compatibility Code

GS1 Code List	MRICompatibilityCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
MRI_COMPATIBLE	Indicates that a healthcare trade item is safe to use in the presence of a Magnetic Resonance Imaging (MRI) System
MRI_SAFE	Indicates that the healthcare trade item is safe to use within a Magnetic Resonance Imaging (MRI) system.
MRI_UNSAFE	Indicates that a healthcare trade item is not safe to use in an MRI system.
UNSPECIFIED	The manufacturer of the Trade Item has not communicated information on the compatibility of this trade item with a Magnetic Resonance Imaging (MRI) System.



6.109. Multipicture Display Capability TypeCode

GS1 Code List	MultipictureDisplayCapabilityTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
NOT_APPLICABLE	A statement that an affirmative or negative response is not required for the attribute.
PICTURE_AND_TEXT	Picture and Text: used in the UK. Teletext services with second source in the corner.
PICTURE_AND_PICTURE	Picture and Picture: split screen of the same size picture, would be the same as picture-in-picture
PICTURE_IN_PICTURE	Picture in Picture: full screen with second source in the corner.

6.110. Nesting Direction Code

GS1 Code List	NestingDirectionCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
HORIZONTAL	A nesting arrangement where the items hang against each other, like spatulas on a long hanging peg.
VERTICAL	A nesting arrangement where the items stack on top of each other, like bowls.

6.111. Nesting Type Code

GS1 Code List	NestingTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
NEGATIVE	A nesting arrangement where higher items fit partially inside and are partially obscured by lower ones for example bowls.
POSITIVE	A nesting arrangement where the higher item fits over and partially obscures the lower one for example sports caps.



6.112. Nutrient Basis Quantity Type Code

GS1 Code List	NutrientBasisQuantityTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
BY_MEASURE	Nutrient measurement is based on a measurement value for example grams or ounces.
BY_SERVING	Nutrient measurement is based on a specified serving amount.

6.113. Nutritional Claim Type Code

GS1 Code List	NutritionalClaimTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
ADDED	A claim stating that a substance (e.g. sugar) has been added to a food.
CONTAINS	A claim that a food contains the ingredient/nutrition/etc specified in the nutritionalClaimNutrientElementCode. Note the amount that determines containment or lack of containment is based on target market regulations.
ENRICHED_WITH	A claim that a food is enriched or fortified with the substance in the nutritionalClaimNutrientElementCode. Note the amount that determines enrichment is based on target market regulations.
FREE_FROM	A claim that a food is free from specific ingredient/nutrition/etc.in the nutritionalClaimNutrientElementCode. Note the amount that determines containment or lack of containment is based on target market regulations.
GUARANTEED_FREE_FROM	A claim that a food is regularly analysed to guarantee that the product is free from the substance in the nutritionalClaimNutrientElementCode.
GUARANTEED_SOURCE_OF	A claim that a food is regularly analysed to guarantee that the product contains the substance in the nutritionalClaimNutrientElementCode.
HIGH	A claim that a food is high in specific ingredient/nutrition/etc. and any claim likely to have the same meaning for the consumer, may only be made where the product contains the amount that determines containment or lack of containment is based on target market regulations. In the case of foods naturally high in specific ingredient/nutrition/etc., the term "naturally" may be used as a prefix to this claim.
INCREASED	A claim that a food is increased specific ingredient/nutrition/etc. and any claim likely to have the same meaning for the consumer, may only be made where the product contains the amount that determines containment or lack of containment is based on target market regulations. In the case of foods naturally increased amount specific ingredient/nutrition/etc.in the nutritionalClaimNutrientElementCode, the term "naturally" may be used as a prefix to this claim.



LIGHT_LITE	A claim stating that a product is "light" or "lite", and any claim likely to have the same meaning for the consumer, shall follow the same conditions as those set for the term "reduced"; the claim shall also be accompanied by an indication of the characteristic(s) which make the food "light" or "lite".
LOW	A claim that a food is low in specific ingredient/nutrition/etc in the nutritionalClaimNutrientElementCode. Any claim likely to have the same meaning for the consumer, may only be made where the product contains the amount that determines containment or lack of containment is based on target market regulations.
NATURAL	A claim that a food product does not contain synthetic or artificial ingredients. Note the definition of natural is based on target market regulations.
NATURAL_SOURCE_OF	A claim that a food is a natural source of the substance in the nutritionalClaimNutrientElementCode. Note the amount that determines if the product is a significant source of a given substance is based on target market regulations.
NO_ADDED	A claim that the manufacturer has not added the substance in the nutritionalClaimNutrientElementCode.
NON_ALCOHOLIC	A claim that a food contains no alcohol. Note the amount that determines containment or lack of containment is based on target market regulations.
REDUCED_LESS	A claim that a food has a reduced amount of the substance in the nutritionalClaimNutrientElementCode. Note the amount that determines a reduced amount is based on target market regulations.
SOURCE_OF	A claim that a food is a source of the substance in the nutritionalClaimNutrientElementCode . Note the amount that determines containment is based on target market regulations.
SWEETENED_WITH	A claim that a food is sweetened with a specific ingredient/nutrition/etc. and any claim likely to have the same meaning for the consumer, may only be made where the product contains the amount that determines containment or lack of containment is based on target market regulations.
UNSWEETENED	Without sugar or a similar substance having been added
VERY_LOW	A claim that a food is very low in specific ingredient/nutrition/etc in the nutritionalClaimNutrientElementCode Any claim likely to have the same meaning for the consumer, may only be made where the product contains the amount that determines containment or lack of containment is based on target market regulations.

6.114. Nutritional Claim Nutrient Element Code

GS1 Code List	NutritionalClaimNutrientElementCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
ADDITIVES	Substances added to foods to prevent spoilage, improve appearance, enhance flavor or texture, or increase nutritional value.
AGAVE_SYRUP	Syrup from the Agave plant.
ALCOHOL	Alcohol
ARTIFICIAL_SWEETENERS	Artificial sweeteners are sugar substitutes that are synthetic.



BIOTIN	Biotin
CALCIUM	Calcium
CALORIE	Calories.
CANE_SUGAR	Sugar from sugar cane.
CHLORIDE	Chloride
CHOLESTEROL	Cholesterol
CHROMIUM	Chromium
COLOURING_AGENTS	Natural or synthetic dyes used as coloring agents in processed foods.
COPPER	Copper
CORN_SYRUP	Corn syrup.
EGGS	Eggs
ENERGY	Energy
FAT	Fat
FIBRE	The undigestible material in the fruits, vegetables and whole grains.
FLOURIDE	Flouride
FOLIC_ACID	Folic Acid
FRUCTOSE	Fructose.
FRUIT_JUICE	Fruit juice.
FRUIT_SYRUP	A syrup made from fruit and other ingredients such as sugar, corn syrup and water.
GLUTEN	Gluten.
GLYZYRRHIZIN	Glyzyrrhizin.
HONEY	Honey.
IODINE	Iodine
IRON	Iron
LACTOSE	Lactose.
LIQUORICE	Liquorice
MAGNESIUM	Magnesium
MALT	Malt
MANGANESE	Manganese
MILK	Milk
MILK_PROTEIN	Milk proteins.
MOLYBDENUM	Molybdenum
MONO_UNSATURATED_FAT	Monounsaturated Fat
NATURALLY_OCCURRING_SUGARS	Naturally Occuring Sugars
NIACIN	Niacin
NUTS	Nuts
OMEGA_3_FATTY_ACIDS	Omega-3 Fatty Acids
PANTOTHENIC_ACID	Pantothenic Acid
PEANUTS	Peanuts
PHOSPHORUS	Phosphorus
POLYUNSATURATED_FAT	Polyunsaturated Fat
POTASSIUM	Potassium
PRESERVATIVES	A preservative is a natural or synthetic substance or chemical that is added to products to prevent decomposition by microbial growth or by undesirable chemical changes.
PROBIOTICS	Probiotics.
PROTEIN	Protein
RAW_BEET_SUGAR	Raw sugar derived from the sugar beet.
RIBOFLAVIN	Riboflavin
SATURATED_FAT	Saturated Fat
SELENIUM	Selenium
SODIUM_SALT	Sodium or salt.
SOY	Soy
SUGARS	Includes sugars that are present naturally in the food such as lactose in milk and fructose in fruit, sucrose in fruits and vegetables, as well as sugars added to the food during processing, such as sugar / sucrose, corn syrup, honey, high fructose corn syrup, fruit juice concentrates and dextrose."
SWEETENERS	Any substance that sweetens such as sugar or a low-calorie synthetic



	product used instead of sugar.
THIAMIN	Thiamin
TRANS_FAT	Trans fatty acids
UNSATURATED_FAT	Unsaturated Fat
VITAMIN_A	Vitamin A
VITAMIN_B12	Vitamin B12
VITAMIN_B6	Vitamin B6
VITAMIN_C	Vitamin C
VITAMIN_D	Vitamin D
VITAMIN_E	Vitamin E
VITAMIN_K	Vitamin K
VITAMINS_AND_OR_MINERAL S	Vitamins and/or minerals.
WHEAT	Wheat
WHITE_SUGAR	White or granulated sugar is refined sugar (pure white crystalline sucrose) ground to granules or grains.
ZINC	Zinc

6.115. Nutritional Label Type Code

GS1 Code List	NutritionalLabelTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
1	The USDA Child Nutrition (CN) Labelling Program provides food manufacturers the option to include a standardised food crediting statement on their product label. Labels must be approved by USDA, FNS prior to use and manufacturers must have quality control procedures and inspection oversight that meet the FNS requirements. Products produced in accordance with the CN Labelling Program are generally purchased by foodservice providers for FNS meal programs.

6.116. Nutritional Program Code

GS1 Code List	NutritionalProgramCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
1	5 a day. A program designed to encourage the consumption of at least five portions of fruit and vegetables per day,

6.117. ONIX Audience Code Value Code

<input type="checkbox"/> GS1 Code List	ONIXAudienceCodeValueCode	
GS1 Code List Version	R1	
Managing Agency	ONIX	
Based on Code List	n/a	
Type Of Management	External	
Code Value	Code Name	Code Definition
01	General/trade	For a non-specialist adult audience
02	Children/juvenile	For a juvenile audience, not specifically for any educational purpose
03	Young adult	For a teenage audience, not specifically for any educational purpose
04	Primary and secondary/elementary and high school	Kindergarten, pre-school, primary/elementary or secondary/high school education
05	College/higher education	For universities and colleges of further and higher education
06	Professional and scholarly	For an expert adult audience, including academic research
07	ELT/ESL	Intended for use in teaching English as a second language
08	Adult Education	For centres providing academic, vocational or recreational courses for adults

6.118. ONIX Audience Precision Code

<input type="checkbox"/> GS1 Code List	ONIXAudiencePrecisionCode	
GS1 Code List Version	R1	
Managing Agency	ONIX	
Based on Code List	ONIX List 31	
Type Of Management	External	
Code Value	Code Name	Code Definition
01	Exact	Not Available
02	From	Not Available
03	To	Not Available

6.119. ONIX Audience Type Code List Code

<input type="checkbox"/> GS1 Code List	ONIXAudienceTypeCodeListCode	
GS1 Code List Version	R1	
Managing Agency	ONIX	
Based on Code List	ONIX List 29	
Type Of Management	External	
Code Value	Code Name	Code Definition
01	ONIX audience codes	Using List 28
02	Proprietary	Not Available
03	MPAA rating	Motion Picture Association of America rating applied to movies
04	BBFC rating	British Board of Film Classification rating applied to movies
05	FSK rating	German FSK (Freiwillige Selbstkontrolle der Filmwirtschaft) rating applied to movies
06	BTLF audience code	French Canadian audience code list, used by BTLF for Memento
07	Electre audience code	Audience code used by Electre (France)
08	ANELE Tipo Spain	educational audience and material type code of the Asociación Nacional de Editores de Libros y Material de Enseñanza
09	AVI	Code list used to specify reading levels for children's books, used in Flanders, and formerly in the Netherlands - see also code 18
10	USK rating	German USK (Unterhaltungssoftware Selbstkontrolle) rating applied to video or computer games
11	AWS	Audience code used in Flanders
12	Schulform Type of school	codelist maintained by VdS Bildungsmedien eV, the German association of educational media publishers
13	Bundesland School region	codelist maintained by VdS Bildungsmedien eV, the German association of educational media publishers, indicating where products are licensed to be used in schools
14	Ausbildungsberuf Occupation	codelist for vocational training materials, maintained by VdS Bildungsmedien eV, the German association of educational media publishers
15	Suomalainen kouluasteluokitus	Finnish school or college level
16	CBG age guidance	UK Publishers Association, Children's Book Group, coded indication of intended reader age, carried on book covers
17	Nielsen Book audience code	Audience code used in Nielsen Book Services
18	AVI (revised)	Code list used to specify reading levels for



		children's books, used in the Netherlands - see also code 09
19	Lexile measure	Lexile measure (the measure in may optionally be prefixed by the Lexile code). Examples might be '880L', 'AD0L' or 'HL600L'

6.120. ONIX Audience Range Qualifier Code

<input type="checkbox"/> GS1 Code List	ONIXAudienceRangeQualifierCode	
GS1 Code List Version	R1	
Managing Agency	ONIX	
Based on Code List	ONIX List 30	
Type Of Management	External	
Code Value	Code Name	Code Definition
11	US school grade range	Values for are specified in List 77
12	UK school grade	Values are defined by BIC for England and Wales, Scotland and N Ireland
15	Reading speed words per minute	Values in must be integers
16	Interest age months	For use up to 30 months only: values in must be integers
17	Interest age years	Values in must be integers
18	Reading age years	Values in must be integers
19	Spanish school grade Spain	combined grade and region code, maintained by the Ministerio de Educación
20	Skolettrinn	Norwegian educational grades (4704)
21	Nivå	Swedish educational qualifier (code)
22	Italian school grade	Not Available
23	Schulform	DEPRECATED - assigned in error: see List 29
24	Bundesland	DEPRECATED - assigned in error: see List 29
25	Ausbildungsberuf	DEPRECATED - assigned in error: see List 29
26	Canadian school grade range	Values for are specified in List 77
27	Finnish school grade range	Not Available
28	Finnish Upper secondary school course	Lukion kurssi

6.121. ONIX Content Date Role Type Code

<input type="checkbox"/> GS1 Code List		ONIXContentDateRoleTypeCode
GS1 Code List Version		R1
Managing Agency		ONIX
Based on Code List		n/a
Type Of Management		External
Code Value	Code Name	Code Definition
01	Publication Date	Nominal date of publication
04	Broadcast Date	Date when a TV or radio program was / will be broadcast
14	From Date	Date from which a content item or supporting resource may be referenced or used
15	Until Date	Date until which a content item or supporting resource may be referenced or used
17	Last Updated	Date when a resource was last changed or updated

6.122. ONIX Contributor Place Type Code

<input type="checkbox"/> GS1 Code List		ONIXContributorPlaceTypeCode
GS1 Code List Version		R1
Managing Agency		ONIX
Based on Code List		n/a
Type Of Management		External
Code Value	Code Name	Code Definition
01	Born in	Born in
02	Died in	Died in
03	Resided in	Resided in
04	Currently resides in	Currently resides in
05	Educated in	Educated in
06	Worked in	Worked in
07	Flourished in	Flourished in

6.123. ONIX Contributor Role Code

GS1 Code List		ONIXContributorRoleCode
GS1 Code List Version		R1
Managing Agency		ONIX
Based on Code List		n/a
Type Of Management		External
Code Value	Code Name	Code Definition
A01	By (author)	Author of a textual work
A02	With	With or as told to: 'ghost' author of a literary work
A03	Screenplay by	Writer of screenplay or script (film or video)
A04	Libretto by	Writer of libretto (opera): see also A31
A05	Lyrics by	Author of lyrics (song): see also A31
A06	By (composer)	Composer of music
A07	By (artist)	Visual artist when named as the primary creator of, eg, a book of reproductions of artworks
A08	By (Photographer)	Photographer when named as the primary creator of, eg, a book of photographs)
A09	Created by	Not Available
A10	Form an idea by	Not Available
A11	Designed by	Not Available
A12	Illustrated by	Artist when named as the creator of artwork which illustrates a text, or of the artwork of a graphic novel or comic book
A13	Photographs by	Photographer when named as the creator of photographs which illustrate a text
A14	Text by	Author of text which accompanies art reproductions or photographs, or which is part of a graphic novel or comic book
A15	Preface by	Author of preface
A16	Prologue by	Author of prologue
A17	Summary by	Author of summary
A18	Supplement by	Author of supplement
A19	Afterword by	Author of afterword
A20	Notes by	Author of notes or annotations: see also A29
A21	Commentaries by	Author of commentaries on the main text
A22	Epilogue by	Author of epilogue
A23	Foreword by	Author of foreword
A24	Introduction by	Author of introduction: see also A29
A25	Footnotes by	Author/compiler of footnotes
A26	Memoir by	Author of memoir accompanying main text
A27	Experiments by	Person who carried out experiments reported in the text

A29	Introduction and notes by	Author of introduction and notes: see also A20 and A24
A30	Software written by	Writer of computer programs ancillary to the text
A31	Book and lyrics by	Author of the textual content of a musical drama: see also A04 and A05
A32	Contributions by	Author of additional contributions to the text
A33	Appendix by	Author of appendix
A34	Index by	Compiler of index
A35	Drawings by	Not Available
A36	Cover design or artwork by	Use also for the cover artist of a graphic novel or comic book if named separately
A37	Preliminary work by	Responsible for preliminary work on which the work is based
A38	Original author	Author of the first edition (usually of a standard work) who is not an author of the current edition
A39	Maps by	Maps drawn or otherwise contributed by
A40	Inked or colored by	When separate persons are named as having respectively drawn and colored artwork, eg for a graphic novel or comic book, use A12 for 'drawn by' and A40 for 'colored by'
A41	Pop-ups by	Designer of pop-ups in a pop-up book, who may be different from the illustrator
A42	Continued by	Use where a standard work is being continued by somebody other than the original author
A43	Interviewer	Not Available
A44	Interviewee	Not Available
A99	Other primary creator	Other type of primary creator not specified above
B01	Edited by	Not Available
B02	Revised by	Not Available
B03	Retold by:	Not Available
B04	Abridged by:	Not Available
B05	Adapted by:	Not Available
B06	Translated by:	Not Available
B07	As told by:	Not Available
B08	Translated with commentary by	This code applies where a translator has provided a commentary on issues relating to the translation. If the translator has also provided a commentary on the work itself, codes B06 and A21 should be used.
B09	Series edited by	Name of a series editor when the product belongs to a series
B10	Edited and translated by	Not Available
B11	Editor-in-chief	Not Available
B12	Guest editor	Not Available
B13	Volume editor	Not Available
B14	Editorial board member	Not Available
B15	Editorial coordination by	Not Available
B16	Managing editor	Not Available
B17	Founded by	Usually the founder editor of a serial publication: Begrundet von

B18	Prepared for publication by	Not Available
B19	Associate editor	Not Available
B20	Consultant editor	Use also for 'advisory editor'
B21	General editor:	Not Available
B22	Dramatized by:	Not Available
B23	General rapporteur	In Europe, an expert editor who takes responsibility for the legal content of a collaborative law volume
B24	Literary editor	An editor who is responsible for establishing the text used in an edition of a literary work, where this is recognised as a distinctive role (in Spain, 'editor literario')
B25	Arranged by (music):	Not Available
B99	Other adaptation by	Other type of adaptation or editing not specified above
C01	Compiled by:	Not Available
C02	Selected by:	Not Available
C99	Other compilation by	Other type of compilation not specified above
D01	Producer	Not Available
D02	Director	Not Available
D03	Conductor	Conductor of a musical performance
D99	Other direction by	Other type of direction not specified above
E01	Actor	Not Available
E02	Dancer	Not Available
E03	Narrator	Not Available
E04	Commentator	Not Available
E05	Vocal soloist	Singer etc
E06	Instrumental soloist	Not Available
E07	Read by	Reader of recorded text, as in an audiobook
E08	Performed by (orchestra, band, ensemble)	Name of a musical group in a performing role
E99	Performed by	Other type of performer not specified above: use for a recorded performance which does not fit a category above, eg a performance by a stand-up comedian.
F01	Filmed/photographed by	Not Available
F99	Other recording by	Other type of recording not specified above
Z01	Assisted by	May be associated with any contributor role, and placement should therefore be controlled by contributor sequence numbering
Z99	Other	Other creative responsibility not falling within A to F above



6.124. ONIX Date Type Code

GS1 Code List	ONIXDateTypeCode	
GS1 Code List Version	R1	
Managing Agency	ONIX	
Based on Code List	ONIX List 55	
Type Of Management	External	
Code Value	Code Name	Code Definition
00	YYYYMMDD	Year month day (default)
01	YYYYMM	Year and month
02	YYYYWW	Year and week number
03	YYYYQ	Year and quarter (Q = 1, 2, 3, 4)
04	YYYYS	Year and season (S = 1, 2, 3, 4, with 1 = 'Spring')
05	YYYY	Year
06	YYYYMMDDYYYYMMDD	Spread of exact dates
07	YYYYMMYYYYMM	Spread of months
08	YYYYWWYYYYWW	Spread of week numbers
09	YYYYQYYYYQ	Spread of quarters
10	YYYYSYYYYS	Spread of seasons
11	YYYYYYYY	Spread of years
12	Text string	For complex, approximate or uncertain dates
20	YYYYMMDD	Year month day (Hijri calendar)
21	YYYYMM	Year and month (Hijri calendar)
25	YYYY	Year (Hijri calendar)
32	Text string	For complex, approximate or uncertain dates (Hijri calendar), text would be in Arabic script



6.125. ONIX Edition Type Code

GS1 Code List	ONIXEditionTypeCode	
GS1 Code List Version	R1	
Managing Agency	ONIX	
Based on Code List	ONIX List 21	
Type Of Management	External	
Code Value	Code Name	Code Definition
ABR	Abridged	Content has been shortened: use for abridged, shortened, concise, condensed.
ADP	Adapted	Content has been adapted to serve a different purpose or audience, or from one medium to another: use for dramatization, novelization etc. Use to describe the exact nature of the adaptation.
ALT	Alternate	Do not use. This code is now DEPRECATED, but is retained in the list for reasons of backwards compatibility.
ANN	Annotated	Content is augmented by the addition of notes
BLL	Bilingual edition	Both languages should be specified in the 'Language' group. Use MLL for an edition in more than two languages.
BRL	Braille	Braille edition
CMB	Combined volume	An edition in which two or more works also published separately are combined in a single volume; AKA 'omnibus' edition.
CRI	Critical	Content includes critical commentary on the text
CSP	Coursepack	Content was compiled for a specified educational course.
DGO	Digital original	A digital product which has no print counterpart and is not expected to have a print counterpart.
ENH	Enhanced	Use for e-publications that have been enhanced with additional text, speech, other audio, video, interactive or other content.
ENL	Enlarged	Content has been enlarged or expanded from that of a previous edition.
EXP	Expurgated	'Offensive' content has been removed
FAC	Facsimile	Exact reproduction of the content and format of a previous edition.
FST	Festschrift	A collection of writings published in honor of a person, an institution or a society.
ILL	Illustrated	Content includes extensive illustrations which are not part of other editions
LTE	Large type / large print	Large print edition, print sizes 14 to 19 pt - see also ULP
MCP	Microprint	A printed edition in a type size too small to be read without a magnifying glass
MDT	Media tie-in	An edition published to coincide with the release of a film, TV program, or electronic game based on the same work. Use to describe the exact nature of the tie-in.
MLL	Multilingual edition	All languages should be specified in the 'Language' group. Use BLL for a bilingual edition.
NED	New edition	Where no other information is given, or no other coded type is applicable

NUM	Edition with numbered copies	A limited edition in which each copy is individually numbered
PRB	Prebound edition	In the US, a book that was previously bound, normally as a paperback, and has been rebound with a library-quality hardcover binding by a supplier other than the original publisher. See also the and composites
REV	Revised	Content has been revised from that of a previous edition.
SCH	School edition	An edition intended specifically for use in schools.
SMP	Simplified language edition	An edition that uses simplified language (Finnish 'Selkokirja')
SPE	Special edition	Use for anniversary, collectors', de luxe, gift, limited, numbered, autographed edition. Use to describe the exact nature of the special edition.
STU	Student edition	Where a text is available in both student and teacher's editions.
TCH	Teacher's edition	Where a text is available in both student and teacher's editions; use also for instructor's or leader's editions.
UBR	Unabridged	Where a title has also been published in an abridged edition; also for audiobooks, regardless of whether an abridged audio version also exists.
ULP	Ultra large print	For print sizes 20pt and above, and with typefaces designed for the visually impaired - see also LTE
UXP	Unexpurgated	Content previously considered 'offensive' has been restored
VAR	Variorum	Content includes notes by various commentators, and/or includes and compares several variant texts of the same work.

6.126. ONIX Epub Technical Protection Type Code

GS1 Code List	ONIXEpubTechnicalProtectionTypeCode	
GS1 Code List Version	R1	
Managing Agency	ONIX	
Based on Code List	ONIX List 144	
Type Of Management	External	
Code Value	Code Name	Code Definition
00	None	Has no technical protection
01	DRM	Has DRM protection
02	Digital watermarking	Has digital watermarking
03	Adobe DRM	Has DRM protection applied by the Adobe CS4 Content Server Package or by the Adobe ADEPT hosted service
04	Apple DRM	FairPlay' DRM protection applied via Apple proprietary online store
05	OMA DRM	Has OMA v2 DRM protection applied, as used to protect some mobile phone content



6.127. ONIX Extent Type Code

GS1 Code List	ONIXExtentTypeCode	
GS1 Code List Version	R1	
Managing Agency	ONIX	
Based on Code List	ONIX List 23	
Type Of Management	External	
Code Value	Code Name	Code Definition
00	Main content page count	The highest-numbered page in a single numbered sequence of main content, usually the highest Arabic-numbered page in a book; or, for books without page numbers or (rarely) with multiple numbered sequences of main content, the total number of pages that carry the main content of the book. This is the preferred page count for most books for the general reader. For books with substantial front and/or back matter, include also Front matter and Back matter page counts, or Total numbered pages.
02	Number of words	Number of words of natural language text
03	Front matter page count	The total number of numbered (usually Roman-numbered) pages that precede the main content of a book. This usually consists of an introduction, preface, foreword, etc.
04	Back matter page count	The total number of numbered (usually Roman-numbered) pages that follow the main content of a book. This usually consists of an afterword, appendices, endnotes, index, etc.
05	Total numbered pages	The sum of all Roman- and Arabic-numbered pages.
06	Production page count	The total number of pages in a book, including unnumbered pages, front matter, back matter, etc. This includes any blank pages at the back that carry no content and are present only for convenience of printing and binding
07	Absolute page count	The total number of pages of the book counting the cover as page 1. This page count type should be used only for digital publications delivered with fixed pagination.
08	Number of pages in print counterpart	The total number of pages in the print counterpart of a digital product delivered without fixed pagination.
09	Duration	Duration in time, expressed in the specified extent unit
10	Notional number of pages in digital product	An estimate of the number of 'pages' in a digital product delivered without fixed pagination, and with no print counterpart, given as an indication of the size of the work.
11	Content page count	The sum of all Roman- and Arabic-numbered and contentful unnumbered pages.
12	Total unnumbered insert page count	The total number of unnumbered pages with content inserted within the main content of a book - for example inserts/plate sections that are not numbered.



22	Filesize	The size of a digital file, expressed in the specified extent unit
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6.128. ONIX Illustration Type Code

GS1 Code List	ONIXIllustrationTypeCode	
GS1 Code List Version	R1	
Managing Agency	ONIX	
Based on Code List	ONIX List 25	
Type Of Management	External	
Code Value	Code Name	Code Definition
00	Unspecified, see description	See description in the element
01	Illustrations, black and white	Not available
02	Illustrations, color:	Not available
03	Halftones, black and white	Including black and white photographs
04	Halftones, color	Including color photographs
05	Line drawings, black and white	Not available
06	Line drawings, color	Not available
07	Tables, black and white	Not available
08	Tables, color	Not available
09	Illustrations, unspecified:	Not available
10		Halftones, unspecified: Including photographs
11	Tables, unspecified	Not available
12	Line drawings, unspecified	Not available
13	Halftones, duotone	Not available
14	Maps	Not available
15	Frontispiece	Not available
16	Diagrams	Not available
17	Figures	Not available
18	Charts	Not available
19	Recorded music items	Recorded music extracts or examples, or complete recorded work(s), accompanying textual or other content
20	Printed music items	Printed music extracts or examples, or complete music score(s), accompanying textual or other content
21	Graphs	To be used in the mathematical sense of a diagram that represents numerical values plotted against an origin and axes, cf codes 16 and 18
22	Plates, unspecified	'Plates' means illustrations that are on separate pages bound into the body of a book
23	Plates, black and white	'Plates' means illustrations that are on separate pages bound into the body of a book
24	Plates, color	'Plates' means illustrations that are on separate pages bound into the body of a book
25	Index	Not available
26	Bibliography	Not available

27	Inset maps	Larger-scale inset maps of places or features of interest included in a map product
28	GPS grids	GPS grids included in a map product

6.129. ONIX Name Type Code

GS1 Code List	OnixNameTypeCode	
GS1 Code List Version	R1	
Managing Agency	ONIX	
Based on Code List	ONIX List 18	
Type Of Management	External	
Code Value	Code Name	Code Definition
00	Unspecified	Not available
01	Pseudonym	May be used to give a well-known pseudonym, where the primary name is a 'real' name
02	Authority-controlled name	Not available
03	Earlier name	Not available
04	'Real' name	May be used to identify a real name, where the primary name is a pseudonym

6.130. ONIX Publication Description Type Code

GS1 Code List	OnixPublicationDescriptionTypeCode	
GS1 Code List Version	R1	
Managing Agency	ONIX	
Based on Code List	ONIX List 153	
Type Of Management	External	
Code Value	Code Name	Code Definition
01	Sender-defined text:	To be used only in circumstances where the parties to an exchange have agreed to include text which (a) is not for general distribution, and (b) cannot be coded elsewhere. If more than one type of text is sent, it must be identified by tagging within the text itself.
02	Short description/annotation:	Limited to a maximum of 350 characters
03	Description	Length unrestricted
04	Table of contents	Used for a table of contents sent as a single text field, which may or may not carry structure expressed as XHTML
05	Flap / cover copy:	Descriptive blurb taken from the back cover and/or flaps
06	Review quote:	A quote taken from a review of the product or of the work in question where there is no need to take account of different editions
07	Review quote: previous edition	A quote taken from a review of a previous edition of the work
08	Review quote: previous work:	A quote taken from a review of a previous work by the same author(s) or in the same series

09	Endorsement:	A quote usually provided by a celebrity to promote a new book, not from a review
10	Sender-defined text:	To be used only in circumstances where the parties to an exchange have agreed to include text which (a) is not for general distribution, and (b) cannot be coded elsewhere. If more than one type of text is sent, it must be identified by tagging within the text itself.
11	Short description/annotation:	Limited to a maximum of 350 characters
12	Description:	Length unrestricted
13	Table of contents:	Used for a table of contents sent as a single text field, which may or may not carry structure expressed as XHTML
14	Flap / cover copy	Descriptive blurb taken from the back cover and/or flaps

6.131. ONIX Publisher Role Type Code

GS1 Code List		ONIXPublisherRoleTypeCode
GS1 Code List Version		R1
Managing Agency		ONIX
Based on Code List		N/A
Type Of Management		External
Code Value	Code Name	Code Definition
01	Publisher	Not available
02	Co-publisher	Not available
03	Sponsor	Not available
04	Publisher of original-language version	Of a translated work
05	Host/distributor of electronic content	Not available
06	Published for/on behalf of	Not available
07	Published in association with	Use also for 'Published in cooperation with'
08	Published on behalf of	DEPRECATED: use code 06
09	New or acquiring publisher	When ownership of a product or title is transferred from one publisher to another
10	Publishing group	The group to which a publisher (publishing role 01) belongs: use only if a publisher has been identified with role code 01
11	Publisher of facsimile original	The publisher of the edition of which a product is a facsimile
12	Repackager of prebound edition	The repackager of a prebound edition that has been assigned its own identifier. (In the US, a 'prebound edition' is a book that was previously bound, normally as a paperback, and has been rebound with a library-quality hard
13	Former publisher	When ownership of a product or title is transferred from one publisher to another (complement of code 09)



6.132. ONIX Sales Rights Type Code

GS1 Code List	ONIXSalesRightsTypeCode
GS1 Code List Version	R1
Managing Agency	ONIX
Based on Code List	ONIX List 46
Type Of Management	External
Code Value	Code Definition
00	Sales rights unknown or unstated for any reason. May only be used with the ONIX 3 element
01	For unrestricted sale with exclusive rights in the specified countries or territories
02	For unrestricted sale with non-exclusive rights in the specified countries or territories
03	Not for sale in the specified countries or territories (reason unspecified)
04	Not for sale in the specified countries (but publisher holds exclusive rights in those countries or territories):
05	Not for sale in the specified countries (publisher holds non-exclusive rights in those countries or territories):
06	Not for sale in the specified countries (because publisher does not hold rights in those countries or territories):
07	For sale with exclusive rights in the specified countries or territories (sales restriction applies). Only for use with ONIX 3
08	For sale with non-exclusive rights in the specified countries or territories (sales restriction applies). Only for use with ONIX 3

6.133. ONIX Series Identifier Type Code

GS1 Code List	ONIXSeriesIdentifierTypeCode	
GS1 Code List Version	R1	
Managing Agency	ONIX	
Based on Code List	ONIX List 13	
Type Of Management	External	
Code Value	Code Name	Code Definition
01	Proprietary	For example, publisher's own series ID
02	ISSN	International Standard Serial Number, unhyphenated, 8 digits
03	German National Bibliography series ID	Maintained by the Deutsche Bibliothek
04	German Books in Print series ID	Maintained by VLB
05	Electre series ID	Maintained by Electre Information, France
06	DOI	Digital Object Identifier (variable length and character set)
22	URN	Uniform Resource Name



6.134. ONIX Subject Scheme Identifier Code

GS1 Code List	ONIXSubjectSchemelIdentifierCode	
GS1 Code List Version	R1	
Managing Agency	ONIX	
Based on Code List	n/a	
Type Of Management	External	
Code Value	Code Name	Code Definition
01	Dewey	Dewey Decimal Classification
02	Abridged Dewey	Not available
03	LC classification	US Library of Congress classification
04	LC subject heading	US Library of Congress subject heading
05	NLM classification	US National Library of Medicine medical classification
06	MeSH heading	US National Library of Medicine Medical subject heading
07	NAL subject heading	US National Agricultural Library subject heading
08	AAT	Getty Art and Architecture Thesaurus heading
09	UDC	Universal Decimal Classification
10	BISAC Subject Heading	BISAC Subject Headings are used in the North American market to categorize books based on topical content. They serve as a guideline for shelving books in physical stores and browsing books in online stores.
11	BISAC region code	A geographical qualifier used with a BISAC subject category
12	BIC subject category	For all BIC subject codes and qualifiers, see http://www.bic.org.uk/7/BIC-Standard-Subject-Categories/ .
13	BIC geographical qualifier	Not available
14	BIC language qualifier (language as subject)	Not available
15	BIC time period qualifier	Not available
16	BIC educational purpose qualifier	Not available
17	BIC reading level and special interest qualifier	Not available
18	DDC-Sachgruppen der Deutschen Nationalbibliografie	Used for German National Bibliography since 2004 (100 subjects). Is different from value 30.
19	LC fiction genre heading	Not available
20	Keywords	Where multiple keywords or keyword phrases are sent in a single instance of the element, it is recommended that they should be separated by semi-colons (this is consistent with Library of Congress preferred practice)
21	BIC children's book marketing category	See http://www.bic.org.uk/8/Children's-Books-Marketing-Classifications/

22	BISAC Merchandising Theme	BISAC Merchandising Themes are used in addition to BISAC Subject Headings to denote an audience to which a work may be of particular appeal, a time of year or event for which a work may be especially appropriate, or to further d
23	Publisher's own category code	Not available
24	Proprietary subject scheme	As specified in
25	Tabla de materias ISBN	Latin America
26	Warengruppen-Systematik des deutschen Buchhandels	Not available
27	Schlagwort-Normdatei (SWD)	Subject heading text
28	Thèmes Electre	Subject classification used by Electre (France)
29	CLIL	France
30	DNB-Sachgruppen	Deutsche Bibliothek subject groups. Code. Used for German National Bibliography until 2003 (65 subjects). Is different from value 18.
31	NUGI	Nederlandse Uniforme Genre-Indeling (former Dutch book trade classification)
32	NUR	Nederlandstalige Uniforme Rubrieksindeling (Dutch book trade classification, from 2002)
33	ECPA Christian Book Category	ECPA Christian Product Category Book Codes, consisting of up to three x 3-letter blocks, for Super Category, Primary Category and Sub-Category. See http://www.ecpa.org/ECPA/cbacategories.xls
34	SISO	Schema Indeling Systematische Catalogus Openbare Bibliotheken (Dutch library classification)
35	Korean Decimal Classification (KDC)	A modified Dewey Decimal Classification used in the Republic of Korea
36	DDC 22 ger	Code. German Translation of DDC 22. Also known as DDC Deutsch 22
37	Bokgrupper	Norwegian book trade product categories (4701)
38	Varegrupper	Norwegian bookselling subject categories (4702)
39	Læreplaner	Norwegian school curriculum version (4703)
40	Nippon Decimal Classification	Japanese subject classification scheme
41	BSQ	BookSelling Qualifier: Russian book trade classification
42	ANELE Materias Spain	subject coding scheme of the Asociación Nacional de Editores de Libros y Material de Enseñanza
43	Skolefag	Norwegian primary and secondary school subject categories (4705)
44	Videregående	Norwegian list of categories used in higher secondary education and vocational training (4706)
45	Undervisningsmaterie II	Norwegian list of categories for books and other material used in education (4707)
46	Norsk DDK	Norwegian version of Dewey Decimal Classification
47	Varugrupper	Swedish bookselling subject categories
48	SAB	Swedish classification scheme
49	Läromedel	Swedish bookselling educational subject
50	Förhandsbeskrivning	Swedish publishers preliminary subject classification
51	Spanish ISBN UDC subset	Controlled subset of UDC codes used by the Spanish ISBN Agency
52	ECl subject categories	Subject categories defined by El Corte Inglés and used widely in the Spanish book trade

53	Soggetto CCE	Classificazione commerciale editoriale (Italian book trade subject category based on BIC)
54	Qualificatore geografico CCE	Not available
55	Qualificatore di lingua CCE	Not available
56	Qualificatore di periodo storico CCE	Not available
57	Qualificatore di livello scolastico CCE	Not available
58	Qualificatore di età di lettura CCE	Not available
59	VdS Bildungsmedien Fächer	Subject code list of the German association of educational media publishers
60	Fagkoder	Undervisningsdirektoratets fagkoder for kunnskapsløftet I videregående (Norwegian educational curriculum for secondary schools) (4708)
61	JEL classification	Journal of Economic Literature classification scheme
62	CSH	National Library of Canada subject heading (English)
63	RVM	Répertoire de vedettes-matière (Bibliothèque et Archives Canada et Bibliothèque de l'Université Laval) (French)
64	YSA	Yleinen suomalainen asiasanasto: Finnish General Thesaurus
65	Allårs: Allmän tesaurus på svenska	Swedish translation of the Finnish General Thesaurus
66	YKL	Yleisten kirjastojen luokitusjärjestelmä: Finnish Public Libraries Classification System
67	MUSA	Musiikin asiasanasto: Finnish Music Thesaurus
68	CILLA	Specialtesaurus för musik: Swedish translation of the Finnish Music Thesaurus
69	Kaunokki	Fiktiivisen aineiston asiasanasto: Finnish thesaurus for fiction
70	Bella	Specialtesaurus för fiktivt material: Swedish translation of the Finnish thesaurus for fiction
71	YSO	Yleinen suomalainen ontologia: Finnish General Upper Ontology
72	Paikkatieto ontologia	Finnish Place Ontology
73	Suomalainen kirjallisuuden luokitus	Finnish book trade categorisation
74	Sears	Sears List of Subject Headings
75	BIC E4L	BIC E4Libraries Category Headings
76	CSR	Code Sujet Rayon: subject categories used by bookstores in France
77	Suomalainen oppiaineluokitus	Finnish school subject categories
78	Japanese book trade C-Code:	Not available
79	Japanese book trade Genre Code:	Not available
80	Fiktiivisen aineiston lisäluokitus	Finnish fiction genre classification
81	Arabic Subject heading scheme	Not available
82	Arabized BIC subject category	Arabized version of BIC subject category scheme developed by EI Kotob
83	Arabized LC subject headings	Arabized version of Library of Congress scheme

84	Bibliotheca Alexandrina Subject Headings	Classification scheme used by Library of Alexandria
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6.135. ONIX Title Type Code

GS1 Code List	ONIXTitleTypeCode	
GS1 Code List Version	R1	
Managing Agency	ONIX	
Based on Code List	ONIX List 15	
Type Of Management	External	
Code Value	Code Name	Code Definition
00	Undefined	Not available
01	Distinctive title (book); Cover title (serial); Title on item (serial content item or reviewed resource)	The full text of the distinctive title of the item, without abbreviation or abridgement. For books, where the title alone is not distinctive, elements may be taken from a set or series title and part number etc to create a distinctive title. Where the item is an omnibus edition containing two or more works by the same author, and there is no separate combined title, a distinctive title may be constructed by concatenating the individual titles, with suitable punctuation, as in <i>Pride and prejudice / Sense and sensibility / Northanger Abbey</i> .
02	ISSN key title of serial	Serials only
03	Title in original language	Where the subject of the ONIX record is a translated item
04	Title acronym or initialism	For serials: an acronym or initialism of Title Type 01, eg JAMA, JACM
05	Abbreviated title	An abbreviated form of Title Type 01
06	Title in other language	A translation of Title Type 01 into another language
07	Thematic title of journal issue Serials only	when a journal issue is explicitly devoted to a specified topic
08	Former title Books or serials:	when an item was previously published under another title
10	Distributor's title For the title carried in a book distributor's title file	frequently incomplete, and may include elements not properly part of the title
11	Alternative title on cover	An alternative title that appears on the cover of a book
12	Alternative title on back	An alternative title that appears on the back of a book
13	Expanded title	An expanded form of the title, eg the title of a school text book with grade and type and other details added to make the title meaningful, where otherwise it would comprise only the curriculum subject. This title type is required for submissions to the Spanish ISBN Agency.

6.136. ONIX Unnamed Persons Code

GS1 Code List	ONIXUnnamedPersonsCode	
GS1 Code List Version	R1	
Managing Agency	ONIX	
Based on Code List	n/a	
Type Of Management	External	
Code Value	Code Name	Code Definition
01	Unknown	Not available
02	Anonymous	Not available
03	Et ai and others	Additional contributors not listed
04	Various authors	When the product is a pack of books by different authors
05	Synthesized voice-male	Use with Contributor role code E07 'read by', for audio books for the blind
06	Synthesized voice-female	Use with Contributor role code E07 'read by', for audio books for the blind
07	Synthesized voice-unspecified	Use with Contributor role code E07 'read by', for audio books for the blind

6.137. ONIX Usage Status Code

GS1 Code List	ONIXUsageStatusCode	
GS1 Code List Version	R1	
Managing Agency	ONIX	
Based on Code List	ONIX List 146	
Type Of Management	External	
Code Value	Code Name	Code Definition
01	Permitted unlimited	Not available
02	Permitted subject to limit	Limit should be specified in
03	Prohibited	Not available

6.138. ONIX Usage Type Code

GS1 Code List	ONIXUsageTypeCode	
GS1 Code List Version	R1	
Managing Agency	ONIX	
Based on Code List	ONIX List 145	
Type Of Management	External	
Code Value	Code Name	Code Definition
01	Preview	Preview before purchase
02	Print	Print paper copy of extract
03	Copy / paste	Make digital copy of extract
04	Share	Share product across multiple concurrent devices
05	Text to speech	Read aloud' with text to speech functionality
06	Lend	Lendable to other device owner or account holder (primary copy becomes unusable while copy is 'on loan')
07	Time-limited license	E-publication license is time limited. Use with 02 from List 146 and a number of days in

6.139. Orderable Returnable Conditions Code

GS1 Code List	OrderableReturnableConditionsCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
ACTIVE	Is orderable and returnable unless "Is Trade Item Returnable" = "FALSE".
CUTOUT	Is not orderable and is returnable unless the one-way flag is set to "yes".
DELETED	Not orderable and not returnable.
HOLD	Temporarily unavailable but is still returnable unless the one-way flag is set to "yes".



6.140. Organic Claim Agency Code

GS1 Code List	OrganicClaimAgencyCode	
GS1 Code List Version	R1	
Managing Agency	GS1	
Based on Code List	n/a	
Type Of Management	n/a	
Code Value	Code Name	Code Definition
1	EPA	EPA – US Environmental Protection Agency
2	FSA	FSA – UK Food Standards Agency
3	FDA	FDA – US Food and Drug Agency
4	IFOA	International Foundation for Organic Agriculture
5	BFA	BFA - Biological Farmers of Australia
6	USDA	USDA- US Department of Agriculture
7	QAI	Quality Assurance International www.qai-inc.com QAI is a leading USDA-accredited organic product certifying agency.
8	Südtirol Bioland	Südtirol Bioland – Bioland Association of South Tyrol The Association of South Tyrol is the largest organic association for organic farmers having to farmers in South Tyrol and the only active in association with a national association office Terlan.
9	Ecoland	Ecoland – Ecoland is a membership organisation whose members elect a governing Board which is responsible for the design and implementation of the organic certification system.
10	Demeter-Bund	Demeter-Bund – The Demeter movement as an entrepreneurial network promotes the development of bio-dynamic economy, to secure the livelihoods of the world and to strengthen the positive people in his ministry. In cooperation contribute producers, processors, traders and consumers in partnership to shape the market.
11	GÄA	GÄA – Gäa is a diverse farming association for farmers, processors and traders inside.Focal point is Germany. Gäa is a special design for the structure of the organic farming.
12	Naturland	Naturland – Naturland is active the world over in promoting organic agriculture. Its members are farmers who produce a wide range of valuable products: coffee from Mexico and Peru, olive oil from Greece, tea from the slopes of India's mountains, pineapple and other tropical fruit from Uganda, spices from Sri Lanka. Organic agriculture safeguards the existence of smallholders and helps with the sustainable management of what are often fragile ecosystems. On a global scale, over 50,000 Naturland farmers are cultivating an area of over 142,000 hectares.



13	BVOL	Bäuerliche Vereinigung ökologischer Landbau – an association of organic farmers' associations. They represent the interests of the German organic farmers and want to strengthen the position of organic farms in the shaping of national and international conditions. For the Peasant Federation of Organic Agriculture includes the following national remit Organic Agriculture Movements: Biokreis eV, Biopark eV, composite Ökohöfe eV http://www.bvoel.de/
14	ECOVIN	ECOVIN – ECOVIN Federation Organic Viticulture Association: ECOVIN largest merger in 1985 as ecologically-working wine estates in Germany was founded. Approximately 220 member companies currently manage 1,600 hectares of vineyards in 11 German wine-growing areas.
15	IFOAM	IFOAM – The International Federation of Organic Agriculture Movements (IFOAM) is a grassroots and democratic organization that currently unites 750 member organizations in 116 countries.
16	Demeter International	Demeter-International e. V. is a non profit organisation and its member organisations work together in the spirit of an international confederation with democratic principles. Membership requires a functioning Demeter certification programme.
17	Bioland	Bioland: The leading organic farmers' association in Germany for the economy of organic-based businesses without synthetic pesticides and synthetic chemical nitrogen fertilizer. The animals are kept humanely and processed food carefully. This provides an environmentally sound and sustainable food production. http://www.bioland.de .
19	QCS	Quality Certification Services
20	WSDA	Washington State Dept. of Agriculture
999	Unspecified Agency	Unspecified Agency

6.141. Organic Product Place Of Farming Code

GS1 Code List	OrganicProductPlaceOfFarmingCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
EU_AGRICULTURE	The agricultural raw material has been farmed in the EU,
NON_EU_AGRICULTURE	The agricultural raw material has been farmed in third countries,
EU_OR_NON_EU_AGRICULTURE	Part of the agricultural raw materials has been farmed in the Community and a part of it has been farmed in a third country.
FARMING_COUNTRY_OF_ORIGIN	All agricultural raw materials of which the product is composed have been farmed in a single country. (if this value is populated, the Farming Country of Origin target market is required)



6.142. Organic Trade Item Code

GS1 Code List	OrganicTradeItemCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
1	100% Organic
2	Organic (at least 95% by weight)
3	Made with organic ingredients (at least 70% by weight)
4	Some organic ingredients (less than 70% by weight)
5	Not Organic
6	In conversion (products presently in conversion to the organic standard)
7	Bio Dynamic (a cousin to the organic system)
8	Disqualified (GTINs that violate organic principles, with attributes such as <code>tradeitemGeneticallyModifiedCode</code> or <code>tradeitemIrradiatedCode</code> is true)

6.143. Orientation Type Code

GS1 Code List	OrientationTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
BAF_000	Back face, rotate clockwise 0°
BAF_090	Back face, rotate clockwise 90°
BAF_180	Back face, rotate clockwise 180°
BAF_270	Back face, rotate clockwise 270°
BOF_000	Bottom face, rotate clockwise 0°
BOF_090	Bottom face, rotate clockwise 90°
BOF_180	Bottom face, rotate clockwise 180°
BOF_270	Bottom face, rotate clockwise 270°
FRF_000	Front face, rotate clockwise 0°
FRF_090	Front face, rotate clockwise 90°
FRF_180	Front face, rotate clockwise 180°
FRF_270	Front face, rotate clockwise 270°
LEF_000	Left face, rotate clockwise 0°



LEF_090	Left face, rotate clockwise 90°
LEF_180	Left face, rotate clockwise 180°
LEF_270	Left face, rotate clockwise 270°
RIF_000	Right face, rotate clockwise 0°
RIF_090	Right face, rotate clockwise 90°
RIF_180	Right face, rotate clockwise 180°
RIF_270	Right face, rotate clockwise 270°
TOF_000	Top face, rotate clockwise 0°
TOF_180	Top face, rotate clockwise 180°
TOF_270	Top face, rotate clockwise 270°
TOF_90	Top face, rotate clockwise 90°

6.144. Packaging Chain of Custody Source Certified Code

GS1 Code List	PackagingChainOfCustodySourceCertifiedCode	
GS1 Code List Version	R1	
Managing Agency	GS1	
Based on Code List	n/a	
Type Of Management	n/a	
Code Value	Code Definition	
KNOWN	Recognized, familiar, or within the scope of knowledge	
UNKNOWN	Not known or familiar.	
SOURCED_CERTIFIED	The source has been certified.	

6.145. Packaging Feature Code

GS1 Code List	PackagingFeatureCode	
GS1 Code List Version	R1	
Managing Agency	GS1	
Based on Code List	n/a	
Type Of Management	n/a	
Code Value	Code Name	Code Definition
BASE	Base to stand up vertically	A general term applied to the support or pedestal of an object.
BEAM	Beams	Long sturdy piece of squared timber or metal used in house-building etc.
BUNG_SEAL	Bungs or seals	A bung is an apparatus used to seal a container, such as a bottle, barrel or tube” (or in this case). A bung is partially inserted inside the container to act as a seal. The most common every-day example of a bung is the stopper of a wine bottle.
CAP	Cap	A cap that seals a bottle or other form of packaging.



CARRIER	Carriers	A device of various types attached to or hung from trolleys to support the load.
CONSUMPTION_UTENSIL	Consumption Utensils (straws, spoons)	An item which allows the user to extract and/or consume the content of a container.
CORE	Core	A tubular shape around which flexible material such as plastic film or paper are wound for purposes of transport and handling.
CREEL	Creel	A creel is a device for holding the required number of roving spools or other supply packages of reinforcement fibers for Fiber Reinforced Plastics manufacturing. This device holds the rovings in the desired position for unwinding in continuous processes like Pultrusion and Filament Winding.
EDGE_PROTECTION	Edge Protection	A right-angle piece placed over the outermost perimeter edges of a container to distribute pressure and prevent collapse or cutting from banding, strapping, or handling.
HANDLE	Handles	A grip attached to an object for using or moving the object, usually with the hands.
LINER	Inner Coating or liners	An internal chamber within a container which separates the content of the container from the walls. Inner liners provide additional isolation and protection to the content of a container. Sometimes coatings of certain materials may be applied as an alternative to inner liners.
INNER_CONTAINER	Inner containers	
INTERNAL_DIVIDER	Internal Dividers	An internal divider is an object, either flat or custom-shaped, used to separate the content of a container or to prevent the content from mixing.
LABEL	Labels	A label is a piece of paper, polymer, cloth, metal, or other material affixed to a container or article (or printed directly upon it), which usually carries information about the article to which it has been attached.
LID	Lid	In packaging, the top or bottom of a container, usually the part that closes the opening; may also be known as cap, over, or top
LUG	Lug	A small indentation or raised portion on the surface of a bottle, provided as an indexing means for operations such as multi-pass decoration or labeling.
PULL_OFF_TAB	Pull-off tab	A flexible cover which can be easily removed in order to open a container.
NESTING_EDGE	Nesting Edges	Edges which allow items of the same size to be partially stacked within one another in any direction thus reducing the space required in order to stack them.
PEG	Pegs	A fastener which allows a product to be hanged.
RING HOLDER	Ring-Holders	A hollow circular band of material wound around itself.
RIVET	Rivets	A permanent fastener which consists of a cylindrical shaft with a head on one end and tail which is deformed to fixate the rivet in place.
SLEEVE	Sleeve	A tubular form, open at both ends, that is slipped over an item or package.
SPOUT	Spout	A spout is a protruding edge which allows the lifting and pouring of liquids contained within a container.



TAG	Tags	A hanging card made of any material which is used to identify or provide additional information of a product.
WICKER_OUTER_CONTAINER	Wicker Outer Container	An outer container made of wicker which is fitted to the bottle usually a little less than half way up from the bottom of the bottle and is used to hold, hang or support the bottle.
WRAP	Wrap	A layer of any material which completely enclose a product. A wrap can have many purposes, from providing additional protection to an item to serving as a gift-wrap.

6.146. Packaging Function Code

GS1 Code List	PackagingFunctionCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
ANTI_TAMPERING	A methodology used to hinder, or deter unauthorized access to a device.
ANTISEPTIC	The process by which a sterile (aseptic) product (typically food or pharmaceutical) is packaged in a sterile container in a way which maintains sterility.
ATOMIZER	A device for reducing a liquid to a fine spray. (e.g., medicine, perfume, etc). An atomizer does not rely on a pressurised container for the propellant.
COATED	Covered with a material (paraffin, wax) that protects the product or packaging.
COMPRESSED	Content has been pressed together to the maximum possible way.
DISPENSER	A device or mechanism to supply or extract contents.
GIFT_WRAPPED	Packaging is wrapped in a decorative way for the purposes of the consumer giving it as a gift.
ISOTHERMIC	Thermal carry container designed for the carriage of temperature controlled goods such as vaccines, pharmaceuticals, and medicines.
MODIFIED_ATMOSPHERE	The practice of modifying the composition of the internal atmosphere of a package, (commonly food packages, and drugs) in order to improve the shelf life.
OXYGEN_INFUSED	A barrier packaging material for an infusion solution, i.e., oxygen.
PEEL_OFF	A section of the packaging can be detached with ease in order to have access to the content or product, e.g. peel-off Lids used for packing Milk, Coffee and Cacao Powder.
PINPACK	The package is equipped to be hung up on a hook".
PROTECTED	Functionality to keep from being damaged, attacked, stolen, or injured; guard.
REINFORCED	A component is added to a container for a particular application to lend additional support under severe applications.
SIFT_PROOF	Packaging is designed to prevent leaking of the content specially when it is on powdered or liquid state.



TAMPER_EVIDENT	The packaging is designed to show when there has been some interference with the original sealing or configuration of the packaging.
VACUUM_PACKED	Packaging in containers, either rigid or flexible, from which substantially all gases have been removed prior to final sealing of the container.
WATER_RESISTANT	Coated with materials that make the packaging impervious to the effects of water.

6.147. Packaging Level Type Code

GS1 Code List	PackagingLevelTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
PRIMARY	Constitutes the packaging designed to come into direct contact with the product.
SECONDARY	Groups a given number of primary packaging units together into a convenient unit at the point of sale. Secondary packaging typically has one of two roles: it can be a convenient means to replenish the shelves; or it can group primary packaging units into a package for purchase. It can be removed without affecting the product's properties and generally defines the unit handled by the retailer
TERTIARY	Is designed to ensure damage free handling and transport of a number of sales or grouped packages.



6.148. Packaging Marked Diet Allergen Code

GS1 Code List	PackagingMarkedDietAllergenCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
APPROVED_BY_ASTHMA_AND_ALLERGY_ASSOC	Definitions made by the asthma and allergist association.
APPROVED_FOR_TUBE_FEEDING	The item is physically marked that it is approved for tube feeding by the appropriate authority of the target market.
BIOLOGICAL	Indicates the product has been marked as a biological item which indicates a food product that was produced with the use of feed or fertilizer of plant or animal origin, without employment of chemically formulated fertilizers, growth stimulants, antibiotics or pesticides.
CALORIES_PER_PORTION	Indicates the product has a marking with the calories per portion contained in the product.
COELIAC	Indicates that the diet is suitable for those with Coeliac disease.
CONTAINS_LATEX	The item is physically marked as containing Latex (rubber).
CONTAINS_PVC	The item is physically marked as containing PVC (Polyvinyl chloride). Phthalate content is unspecified.
CONTAINS_PVC_WITH_PHTHALATES	The item is physically marked as containing PVC (Polyvinyl chloride) with phthalates.
CONTAINS_PVC_WITHOUT_PHTHALATES	The item is physically marked as containing PVC (Polyvinyl chloride) without phthalates.
DIET_PRODUCT_450_800_KCAL_PER_DAY	The item is physically marked that it is approved for a 450-800 kilocalorie/day diet by the appropriate authority of the target market.
DIET_PRODUCT_800_1200_KCAL_PER_DAY	The item is physically marked that it is approved for a 800-1200 kilocalorie/day diet by the appropriate authority of the target market.
HALAL	Indicates the product has been marked as Halal which denotes selling or serving food ritually fit according to Islamic dietary laws.
KOSHER	Indicates the product has been marked as Kosher which denotes selling or serving food ritually fit according to Jewish dietary laws.
LACTASE_ENZYME	The item is physically marked that it is approved as lactase enzyme by the appropriate authority of the target market.
LOW_ON_PHENYLALANINE	The item is physically marked as containing a low level of phenylalanine as approved by the appropriate authority of the target market.



LOW_ON_SUGAR	The item is physically marked as containing a low level of sugar as approved by the appropriate authority of the target market.
MOTHERS_MILK_SUBSTITUTE	The item is physically marked that it is approved as substitute mother's milk the appropriate authority of the target market.
NUTRITION_SUPPLEMENT	The item is physically marked that it is approved as nutrition supplement by the appropriate authority of the target market.
VEGETARIAN	Indicates the product has been marked as vegetarian which denotes a product that contains no meat, fish or other animal products.

6.149. Packaging Marked Free From Code

GS1 Code List	PackagingMarkedFreeFromCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
FREE_FROM_CHOLESTEROL	The item is physically marked as having no Cholesterol.
FREE_FROM_CLONED_FOOD	The item is physically marked as being free from cloned food.
FREE_FROM_DAIRY	The item is physically marked as being free from dairy and dairy products, as approved by the appropriate authority of the target market.
FREE_FROM_EGG	The item is physically marked as free from egg.
FREE_FROM_FISH	The item is physically marked as being free from fish, as approved by the appropriate authority of the target market.
FREE_FROM GLUTEN	The item is physically marked as free from gluten. This level of containment is frequently determined through regulation for example per EU Regulation (EC) No 41/2009 [of 20 January 2009], this is defined as ≤ 20 mg/kg.
FREE_FROM_LACTOSE	The item is physically marked as being free of lactose.
FREE_FROM_LATEX	The item is physically marked being free from Latex (rubber) as approved by the appropriate authority of the target market.
FREE_FROM_LEGUME_PROTEIN	The item is physically marked as being free from legume protein, as approved by the appropriate authority of the target market.
FREE_FROM_MILK	The item is physically marked as being free from milk and any of its derivatives, as approved by the appropriate authority of the target market.
FREE_FROM_MILK_PROTEIN	The item is physically marked as being free from milk protein.
FREE_FROM_NATURAL GLUTEN	The item is physically marked as being naturally free from gluten and not extracted as part of the manufacturing process, as approved by the appropriate authority of the target market.
FREE_FROM_PEAUNTS	The item is physically marked as being free from peanuts.
FREE_FROM_PROTEIN	The item is physically marked as being free from protein, as approved by the appropriate authority of the target market.



FREE_FROM_PVC	The item is physically marked as being free from PVC (Polyvinyl chloride), as approved by the appropriate authority of the target market.
FREE_FROM_SOYA	The item is physically marked as being free from soya.
FREE_FROM_SUGAR	The item is physically marked as being free from sugar.
FREE_FROM_TRANS_FAT	The item is physically marked being free from Trans Fatty Acids (Trans Fat) as approved by the appropriate authority of the target market.
REDUCED_LACTOSE	The item is physically marked as having a reduced amount of lactose
REDUCED_PROTEIN	The item is physically marked as containing a low level of protein as approved by the appropriate authority of the target market.
REDUCED_TRANSFAT	The item is physically marked as having a reduced amount of transfats (unsaturated).
VERY_LOW_GLUTEN	The item is physically marked as as a very low amount of gluten. Very low is frequently determined through regulation for example, per EU Regulation (EC) No 41/2009 [of 20 January 2009], this is defined as containing between 20 and 100 mg/kg).
WITHOUT_ADDED_SUGAR	The item is physically marked that no sugar has been added when manufacturing the product but it still can contain sugars that are naturally part of the ingredients, as approved by the appropriate authority of the target market.
WITHOUT_ADDED_SWEETENER	The item is physically marked that no sweetener has been added when manufacturing the product as approved by the appropriate authority of the target market.

6.150. Packaging Marked Label Accreditation Code

GS1 Code List	PackagingMarkedLabelAccreditationCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
AMA_ORGANIC_SEAL	Austria Ministry of Agriculture Organic Label, AMA Marketing licenses the AMA organic logo. Red, white and black indicates the majority of ingredients are of Austrian origin.
AUS_KAUP_ESTONIA	Used to specify Estonia Meat in their product. Eesti Lihatootlejate Assotsiatsioon www.ela.ee
BDIH_LOGO	BDIH Germany guidelines for Certified Natural Cosmetics
BETER_LEVEN_1_STER	The one-star Beter Leven (better life) mark indicates that the product comes from a company that cares that animals are kept according to the minimal requirements for sanitation and wel-being for the cattle industry. See: http://beterleven.dierenbescherming.nl/1-ster
BETER_LEVEN_2_STER	The two-star Beter Leven (better life) mark indicates that the product comes from a company that provides for a higher wel-being of animals than that established

	by the minimal requirements for sanitation and well-being for the cattle industry, yet the conditions are inferior to those of Biological-class products. See: http://beterleven.dierenbescherming.nl/2-sterren-
BETER_LEVEN_3_STER	The three-star Beter Leven (better life) mark is awarded to products that come from companies that excel in keeping animals according to top guidelines for Biological-class products. In some cases this mark is accompanied by an EKO indication. See: http://beterleven.dierenbescherming.nl/3-sterren-
BEWUSTE_KEUZE	Identifies non-staple or non-essential products (e.g. soup, candy, desserts, etc.) that offer more nutritional value or less contain less of potentially harmful ingredients (such as sugar, salt, fat) in comparison to similar items according to the guidelines of the Dutch Wetenschappelijke Commissie. See: http://www.ikkiesbewust.nl/
BIO_AUSTRIA_LABEL	Bio Austria is the Austrian Bio-network of Eastern organic farmers. Created from the former Association Harvest for Life
BIO_LABEL_GERMAN	German national organic certification label (Bio-Siegel), see www.bio-siegel.de
BIO_SUISSE_BUD_SEAL	Represents interests of Swiss organic farmers www.bio-suisse.ch
BLUE_ANGEL	The Blue Angel is awarded to companies as kind of a reward for their commitment to environmental protection. They use it to professionally promote their eco-friendly products in the market. The Blue Angel is an ecological beacon showing the consumer the way to the ecologically superior product and promotes environmentally conscious consumption. See: http://www.blauer-engel.de/en/index.php
BORD_BIA_APPROVED	The Bord Bia Approved logo is awarded to a company which has been audited by Bord Bia to verify that processes, from farm to fork, comply with the highest Quality Assurance Standards. These standards include: animal welfare, traceability, environment, safety, feed, water, testing, inspection, hygiene and good manufacturing practice. "Bord Bia Approved" is awarded to a company where all the ingredients including meat content satisfy the Bord Bia requirements. www.bordbia.ie
BORD_BIA_APPROVED_MEAT	Bord Bia Approved - Meat Content Only applies to companies where only the meat content satisfies certain conditions detailed in the Bord Bia requirements document. see http://www.bordbia.ie/industryservices/quality/Documents/Quality-Assurance-Scheme-Logo-GuidelinesV7.pdf for more details.
BRA_MILJOVAL_LABEL_SWEDISH	Bra Miljöval Bra Miljöval is the ecolabel of SSNC. It is referred to as "Good Environmental Choice" in English. SSNC started ecolabelling
CROSSED_GRAIN_SYMBOL	Crossed grain logo is a trademark owned and administered by Coeliac. It is a worldwide symbol for safe gluten-free foods. Each country has their own

	Coeliac website for example UK www.coeliac.org.uk
DEMETER_LABEL	Demeter International trademark for products of certified biodynamic production. Www.demeter.net
ECO_LABEL_LADYBUG	This is a Finnish label used by the Organic union, which represents the entire Finnish organic industry, consumers and producers in a common interest group. They work as a neutral voice in various working groups and consultations, and prepare position papers and presentations. The Federation also organizes training events and professional seminars. The Organic Federation also publishes the magazine Organic.
ECO_LOGO	Formerly known as Environmental Choice. North America's leading benchmark of environmentally responsible products and services.
ECOCERT_CERTIFICATE	ECOCERT is a certification body for sustainable development. Www.ecocert.com
EESTI_OKOMARK	Estonian Eco Label: Ministry of Agriculture Ökomärk (Label of Organic Food) www.agri.ee
EESTI_PARIM_TOIDUAIN	Best Food Association of Estonia Food Industry http://www.toiduliit.ee/ . An organisation that supports and promote Estonian food industry and economy, and contribute to a balanced and appropriate ethics to members of a favourable business environment for development.
EKO	This symbol stands for organic production certified by Skal that meets the requirements of the EU-regulation for organic production. Skal is the inspection body for the organic production in the Netherlands.
ENERGY_STAR	ENERGY STAR is a voluntary government-backed program dedicated to helping individuals protect the environment through energy efficiency. The ENERGY STAR mark is the national symbol for energy efficiency, making it easy for consumers and businesses to identify high-quality, energy-efficient products, homes, and commercial and industrial buildings.
EPEAT_BRONZE	Electronic Product Environmental Assessment Tool
EPEAT_GOLD	Electronic Product Environmental Assessment Tool
EPEAT_SILVER	Electronic Product Environmental Assessment Tool

EU_ECO_LABEL	The item is physically marked with the European Union Eco label a European environmental initiative supported by the European Commission.
EU_ORGANIC_FARMING	The EU organic farming logo offers consumers' confidence about the origins and qualities of their food and drink and its presence on any product ensures compliance with the EU organic farming. See www.organic-farming.europa.eu .
FAIR_TRADE_MARK	The FAIR TRADE Mark certifies that products meet the social, economic and environmental International Fair trade Standards. The FAIR TRADE Mark is usually supported by a local Fair Trade Labelling Organisation and certifies products not companies. It does not cover the companies or organizations selling the product
FALKEN	Not Available
FINNISH_HEART_SYMBOL	The heart symbol to inform the consumer at one glance that the product marked with this symbol is a preferred choice in its product group with regard to fat and sodium. Finnish Heart Association www.sydanmerkki.fi
FOREST_STEWARDSHIP_COUNCIL_LABEL	The item is physically marked with the Forest Stewardship Council label.
GEZONDERE_KEUZE	Identifies basic staple products (such as fruit, milk, bread, etc.) that constitute a healthier choice for consumers because of their higher nutritional value in comparison to similar products according to the guidelines of the Dutch Wetenschappelijke Commissie. See: http://www.ikkiesbewust.nl/
GMO_MARKED	The item is physically marked as of genetically modified origin
GOODS_FROM_FINLAND_BLUE_SWAN	http://www.finfood.fi/ Finfood Suomen Ruokatieto Ry
GREEN_DOT	Not Available
GREEN_RESTAURANT_ASSOCIATION_ENDORSED	The item is physically marked with the Green Restaurant Association Endorsed symbol.
GREEN_SEAL_CERTIFIED	The item is physically marked with the Green Seal Certified symbol.
GUARANTEED_IRISH	Ireland: The Guaranteed Irish symbol makes shopping for Irish products and services a lot easier. Shoppers know that when they buy a product or service featuring the guaranteed Irish logo they are supporting Irish companies and safeguarding Irish jobs. http://www.guaranteedirish.ie/
KRAV_MARK	KRAV Label
LABEL_OF_THE_ALLERGY_AND_ASTHMA_FEDERATION	Allergy and Asthma Federation is a non-profit public health organisation. Our aim is to improve quality of life of the allergy and asthma patients. http://www.allergia.fi/in-english/
LEAPING_BUNNY	The Coalition for Consumer Information on Cosmetics' (CCIC) Leaping Bunny Program administers a cruelty-free standard and the internationally recognized Leaping Bunny Logo for companies producing cosmetic, personal care, and household products. The Leaping Bunny Program provides the best assurance

	that no new animal testing is used in any phase of product development by the company, its laboratories, or suppliers. See also www.leapingbunny.org
LOODUSSOBRALIK_TOODE_ESTONIA	Eco-friendly product The sign "eco-friendly product" is designed to make environmentally friendly products on store shelves more as significant. When it comes to food shall be used for agriculture, natural farming methods. No use of mineral fertilizers, insect control and plant poisons. http://www.stockmann.ee/portal/7765/
LOVE_IRISH_FOOD	Love Irish Food - a promotional label printed on the product packaging to indicate to the consumer that the food is manufactured in Ireland using Irish ingredients. http://www.loveirishfood.ie/
MADE_IN_FINLAND_FLAG_WITH_KEY	Made in Finland Products that are made in Finland Avainlippu (Key Flag) Suomalaisen Työn www.avainlippu.fi
MARINE_STEWARDSHIP_COUNCIL_LABEL	The MSC is the world's leading certification and ecolabelling program for sustainable seafood. Look for the blue MSC ecolabel when shopping or dining out. The item is physically marked with the Marine Stewardship Council label.
MAX_HAVELAAR	Fair trade symbol used in the Netherlands Target Market awarded to manufacturers which contribute to improving the living and working conditions of small farmers and agricultural workers in disadvantaged regions.
NATRUE_LABEL	The NATRUE Label guarantees that the products that carry it are made only with natural and organic ingredients, through soft manufacturing processes and environmentally friendly practices. The NATRUE Label is awarded by NATRUE, a non-profit organisation committed to promote and protect high standards of quality and environmental integrity. See: http://www.natrue.org/home/
NYCKELHALET	The green key hole is to be put on the healthy foods in Sweden, Denmark, and Norway within certain product groups in order to make it easier for the customers to make a healthy choice. http://www.norden.org/
OEKO_TEX_LABEL	Confidence in textiles – this has been the motto of the independent test institutes of the International Oeko-Tex® Association since 1992, with their tests for harmful substances according to Oeko-Tex® Standard 100 for textile products of all types which pose no risk whatsoever to health. See www.oeko-tex.com
OFFICIAL_ECO_LABEL_SUN	Luomo Sun Sign Denotes controlled organic production. The official label of the Finnish inspection authorities; owned by the Ministry of Agriculture and Forestry. http://opetus.ruokatieto.fi/
PEFC	Programme for Endorsement of Forest Certification (PEFCC_ is an international non-profit, non-governmental organisation dedicated to promoting Sustainable Forest Management (SFM) through independent third-party certification

PROTECTED_DESIGNATION_OF_ORIGIN	The Protected designation of origin is the name of an area, a specific place or, in exceptional cases, the name of a country, used as a designation for an agricultural product or a foodstuff, the entire product must be traditionally and ENTIRELY manufactured (prepared, processed AND produced) within the specific region and thus acquire unique properties. Protected Geographical Status (PGS) is a legal framework defined in European Union law to protect the names of regional foods.
PROTECTED_GEOGRAPHICAL_INDICATION	The Protected geographical indication is the name of an area, a specific place or, in exceptional cases, the name of a country, used as a description of an agricultural product or a foodstuff, the entire product must be traditionally and at least PARTIALLY manufactured (prepared, processed OR produced) within the specific region and thus acquire unique properties. Protected Geographical Status (PGS) is a legal framework[1] defined in European Union law to protect the names of regional foods.
PROTECTED_HARVEST_CERTIFIED	The item is physically marked with the Protected Harvest Certified symbol.
QUALITY_MARK_IRELAND	Control IMO Organic farming is an alternative, environmentally friendly method of food production. It forbids the use of chemicals and requires production methods that respect animal welfare and do not damage the environment. The term 'organic' can only be used on food labels in Ireland if the food product meets strict Irish and EU organic standards and is licensed by an approved certification body.
RAINFOREST_ALLIANCE	The item is physically marked with the Rainforest Alliance Certified symbol.
SCHARRELVLEES	A symbol used in the Netherlands Target Market intended for meat based products which guarantees that the animals has been growth without the use of antibiotics.
SOIL_ASSOCIATION_ORGANIC_SYMBOL	The Soil Association Organic Symbol is a symbol used in the UK to show that products meet a strict set of organic standards that protect health, sustainability and the environment.
SUSTAINABLE_PALM_OIL_RSPO	In response to the urgent and pressing global call for sustainably produced palm oil, the Roundtable on Sustainable Palm Oil (RSPO) was formed in 2004 with the objective of promoting the growth and use of sustainable oil palm products through credible global standards and engagement of stakeholders. http://www.rspo.org/
SVANEN	The swan is the Nordic environmental label. It was established by the Nordic Council of Ministers in 1989 and Denmark joined in 1997. The Swan is used in all Nordic countries, i.e. Denmark, Norway, Sweden, Finland and Iceland.
SWEDISH_SEAL_OF_QUALITY	The item is physically marked with the Swedish Seal of Quality label which intends to guarantee the responsibility for the environment of the product.



TCO_DEVELOPMENT	A Swedish company that certifies products and services to provide a better environment.
TRADITIONAL_SPECIALTY_GUARANTEED	The Traditional specialty guaranteed is a trademark for an agricultural product or a foodstuff, which has a certain feature or a set of features, setting it clearly apart from other similar products or foodstuffs belonging to the same category. The product or foodstuff must be manufactured using traditional ingredients or must be characteristic for its traditional composition, production process, or processing reflecting a traditional type of manufacturing or processing.
TUNNUSTATUD_EESTI_MAITSE	Approved Estonian Taste - Quality/Tradition/Origin/Traceability for Estonian products. All raw materials must be 100% Estonian. Estonian Chamber of Agriculture and Commerce
TUNNUSTATUD_MAITSE	Approved Taste label (designed as a barn swallow) denoting Estonian origin and high quality was introduced. This label has been given to products for Food quality and safety. Estonian Chamber of Agriculture and Commerce (ECAC) www.epkk.ee
UNDERWRITERS_LABORATORY	The source across the globe for product compliance.
UNIQUELY_FINNISH	Uniquely Finnish http://www.maakuntienparhaat.fi/en/ The Uniquely Finnish label is a national quality label for small entrepreneurs. ProAgria Association of Rural Advisory Centres grants the label to qualified foodstuff, handicraft and rural tourism companies based on applications.
USDA	US Department of Agriculture
UTZ_CERTIFIED	A certification which is intended to assure the social and environmental quality in the production of coffee, tea, cocoa beans, palm oils and other commodities. Products made with these ingredients may be marked with this certification.
VAELG_FULDKORN_FORST	Grain based foods (bread, breakfast products, baking articles etc.) which have got a high content of whole grain will be puffed with a nutritional puff from the beginning of 2009: Please choose whole grain first! Denmark http://www.fuldorn.dk/
WWF_PANDA_LABEL	Products that support the WWF http://www.worldwildlife.org/



6.151. Packaging Material Applied Process Code

GS1 Code List	PackagingMaterialAppliedProcessCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
CHEMICALLY_HARDENED	The material has been treated to have additional resistance to deformation or change.
COMPRESSED	The material has been subjected to compressive stress which results in reduction of volume as compared to an uncompressed but otherwise identical state.
INJECTION_MOULDED	The material was manufactured by injection moulding, which consists of feeding the material into a heated barrel, mixed, and forced into a mold cavity where it cools and hardens to the configuration of the cavity.
INSULATED	The material has been designed or processed to reduce heat transfer.
MOISTURE_RESISTANT	The material property that resists uptake or passage of water. The resistance of a packaging material to deterioration or change when in contact with water. To be water resistant is not to be waterproof.
MOULDED	The material was manufactured by moulding, which consists of filling a mold with the material on liquid form and allowing it to harden so it takes the shape of the mold.
VACUUM_FORMED	A process through which a material is heated to a forming temperature, stretched onto or into a single-surface mould, and held against the mould by applying a vacuum between the mould surface and the sheet.
WATER_REPELLENT	The material has been treated or processed so it can resist the ingress of water under specified conditions



6.152. Packaging Material Type Code

GS1 Code List	PackagingMaterialTypeCode	
GS1 Code List Version	R1	
Managing Agency	GS1	
Based on Code List	n/a	
Type Of Management	n/a	
Code Value	Code Name	Code Definition
CERAMIC	Ceramic	A non-specific material made from clay and hardened by firing at a high temperatures. Examples can include Terracotta, Earthenware, Stoneware, Porcelain, and High-Tech Ceramics.
CLOTH_OR_FABRIC	Cloth or Fabric	A non specific material made by weaving, felting, knitting, or crocheting natural and/or synthetic fibers.
COMPOSITE	Composite	A material that is made from multiple materials.
CORRUGATED_BOARD_DOUBLE_WALL	Double Wall Corrugated Board	A structure formed by two corrugated inner members glued to one intervening flat facing paperboard with two additional paperboards to each outside corrugated.
CORRUGATED_BOARD_OTHER	Corrugated Board Other	A structure formed by one corrugated inner member glued to one flat facing paperboard; also termed single faced.
CORRUGATED_BOARD_SINGLE_WALL	Single Wall Corrugated Board	A structure formed by one corrugated inner member glued between two flat facing paperboards; also termed double faced.
CORRUGATED_BOARD_TRIPLE_WALL	Triple Wall Corrugated Board	A structure formed by three corrugated inner members glued to two intervening flat facing paperboards with two additional paperboards to each outside corrugated.
FIBRE_OTHER	Fibre Other	A non specific material made of a unit of matter, either natural or manufactured, that forms the basic element of fabrics and other textile structures.
FIBRE_JUTE	Fibre Jute	A bast fiber obtained from the round pod jute or the long pod jute of the family Tiliaceae. Grown extensively in Pakistan and India, mainly in the Bengal district of Pakistan.
FIBRE_BURLAP	Burlap	The American name for cloth woven from jute fibres. In other parts of the world it is known as



		Hessian, Hessian cloth, or gunny from the Indian gain.
FIBRE_COTTON	Fibre Cotton	A natural cellulosic seed-hair fiber, obtained from the seed pod of the cotton plant. First known in India about 3000 B.C.
FIBRE_FLAX	Fibre Flax	The plant from the stem of which bast fiber is extracted by retting to produce linen. An erroneous term for linen fiber, particularly in blends.
FIBRE_HEMP	Fibre Hemp	Hemp is a commonly used term for varieties of the Cannabis plant. Hemp can yield fibre which can be used in ropes, cloths, weaves, as a reinforcement of polymer composites as well as pulps for paper making.
FOAM	Foam	A non specific material in a lightweight cellular form resulting from introduction of gas bubbles during manufacture, used to reduce shock and vibration or abrasion.
GLASS	Glass	A non-specific inorganic substance fused at high temperatures and cooled quickly so that it solidifies to a vitreous or noncrystalline condition. This term applies to transparent clear glass or as a generic term if distinction with coloured glass is not desired.
GLASS_COLOURED	Coloured Glass	Glass containing external colouring or glass that has been coloured by the addition of colouring agents/particles in its creation
LAMINATED_CARTON	Laminated Carton	A material made up of laminates of paperboard, foil and polyethylene which combined form a sheet suitable for aseptic processing.
METAL_ALUMINUM	Aluminium	A non specific material made from aluminium or aluminium alloy.
METAL_BRASS	Brass	Brass is an alloy of copper and zinc.
METAL_IRON	Iron	A heavy metallic element (Fe) capable of being fashioned into a variety of forms.
METAL_LEAD	Lead	A bluish-white soft malleable ductile plastic but inelastic heavy metallic element (Pb)
METAL_OTHER	Metal	A non specific material made from metal or metal alloy material.
METAL_STAINLESS_STEEL	Stainless Steel	An alloy of steel with chromium and sometimes another element (as nickel or molybdenum) that



		is practically immune to rusting and ordinary corrosion
METAL_STEEL	Steel	Commercial iron that contains carbon in any amount up to about 1.7 percent as an essential alloying constituent, is malleable when under suitable conditions, and is distinguished from cast iron by its malleability and lower carbon content.
METAL_TIN	Tin	Tin is a chemical element that is obtained chiefly from the mineral cassiterite, where it occurs as an oxide, SnO ₂ . This silvery, malleable poor metal is not easily oxidized in air, and is used to coat other metals to prevent corrosion. It is used in many alloys, most notably bronze
MINERAL_CALCIIUM_CARBOONATE	Calcium Carbonate	Ground calcium carbonate and precipitated calcium carbonate products serve as functional fillers in plastic and rubber applications. Calcium carbonate is widely used as in polyvinyl chloride (PVC), polyolefin, polypropylene (PP), polyethylene (PE) and unsaturated polyester resins applications. Calcium carbonate is used for its excellent optical properties, ability to improve impact strength, role as a processing aid and ability to replace plastic resins.
MINERAL_OTHER	Mineral Other	Any other mineral-based material not available in this list. Should be used as a temporary measure while a proper code is established
MINERAL_TALC	Talc	Talc is used to stiffen thermoplastics, mainly polypropylene but also polyethylene and polyamide (Nylon).
NATURAL_RUBBER	Natural rubber	A strong elastic material made by drying the sap from various tropical trees, especially the American rubber tree.
OTHER	Not Otherwise Specified	A non-specific material that cannot be defined with the current material codes. Should be used as a temporary measure while a proper code is established for the type of material.
PAPER_CORRUGATED	Corrugated	The most common type of box manufactured from containerboard, layers of linerboard and one layer of medium. The layers are

		combined on a corrugator, a machine that presses corrugations into the medium and laminates a layer of linerboard to each side. The sheets are folded, printed, and glued or stapled to make a finished box.
PAPER_MOLDED_PULP	Molded Pulp	Used for producing pulp-based or fibrous products by pressing; example products: egg packages, trays and boxes for fruits and vegetables.
PAPER_OTHER	Paper Other	Any other paper-based material not available in this list. Should be used as a temporary measure while a proper code is established.
PAPER_PAPER	Paper	A non-specific sheet material produced by the matting of fibres from wood, rags, or other fibrous materials. Generally, paper is of a lesser thickness or weight than paperboard.
PAPER_PAPERBOARD	Paperboard	A non specific material, generally made from cotton or wood, that describe a variety or of board materials used in the production of boxes, folding cartons, and solid fibre and corrugated shipping containers; also termed cardboard
PAPER_RAYON	Rayon Paper	Generic term for a manmade fiber derived from regenerated cellulose.
PLASTIC_OTHER	Plastic Other	A non-specific material made of any of numerous organic synthetic or processed materials that are mostly thermoplastic or thermosetting polymers of high molecular weight and that can be made into objects, films, or filaments.
PLASTIC_BIO_PLASTIC	Bio-plastic	Plastic certified as compliant with the European norm EN13432 over being recyclable through disintegration or biodegradation
PLASTIC_THERMOPLASTICS	Thermoplastics	A non-specific substance that becomes soft and pliable when heated, without a change in its intrinsic properties. Polystyrene and polyethylene are thermoplastics.
POLYMER_CELLULOSE_ACETATE	Cellulose Acetate	Cellulose acetate is one of the most important esters of cellulose. Depending on the way it has been processed cellulose acetate can be used for a wide variety of applications, e.g. films, membranes or fibers.
POLYMER_EPOXY	Epoxy	Epoxy resins are thermoset

		polymers which are frequently used as coatings for metal packaging such as soft-drink cans.
POLYMER_EVA	Ethylene vinyl acetate, (EVA)	Ethylene vinyl acetate, a copolymer of 60 to 90% ethylene and 40 to 10% vinyl acetate. Packaging applications include soft films, coatings, hot melt adhesives, wine cork substitutes, and closure seals for plastic and metal container caps.
POLYMER_EVOH	Ethylene vinyl alcohol, (EVOH)	Ethylene vinyl alcohol, a copolymer of ethylene and vinyl alcohol. A plastic resin commonly used in food applications to provide barrier to oxygen and other gases.
POLYMER_HDPE	High Density Polyethylene (HDPE)	High-Density PolyEthylene (HDPE) is a polyethylene thermoplastic made from petroleum. A strong, relatively opaque form of polyethylene having a dense structure with few side branches off the main carbon backbone. Can be applied to bottles, flasks and caps.
POLYMER_LDPE	Low-density polyethylene (LDPE)	Low-density polyethylene (LDPE) is a polyethylene thermoplastic made from petroleum. A strong form of polyethylene having a less dense structure with more side branches off the main carbon backbone (on about 2% of the carbon atoms) than HDPE; therefore its tensile strength is lower, and its resilience is higher. Made in translucent or opaque variations, it is quite flexible, and tough to the degree of being almost unbreakable. It is widely used for manufacturing various containers, dispensing bottles, wash bottles, tubing, plastic bags for computer components, and various moulded laboratory equipment. Its most common use is in plastic bags.
POLYMER_LLDP	Linear Low Density Polyethylene	Linear low density polyethylene is a linear polyethylene with a significant number of short branches on the polymer backbone. It is commonly made by copolymerization of ethylene with longer-chain olefins. It is different from LDPE due to the absence of long chain branches which gives it higher tensile strength, impact and puncture

		resistance than LDPE. Common uses of LLDPE are plastic bags, wraps, stretch wraps, pouches, covers and lids.
POLYMER_MDPE	Medium-density Polyethylene	Medium-density polyethylene is a type of polyethylene defined by a density range of 0.926-0.940 g/cm ³ . MDPE is typically used in shrink films, sacks, packaging film and carrier bags.
POLYMER_NYLON	Nylon	Packaging applications include oven-baking bags (nylon 6 and nylon 66) and barrier layers (MXD6 and nylon 6) for PET and HDPE bottles. Very occasionally, bottles can be made of nylon.
POLYMER_OTHER	Polymers Other	A non-specific chemical compound or mixture of compounds formed by polymerization and consisting essentially of repeating structural units
POLYMER_PAN	Polyacrylonitril (PAN)	Polyacrylonitril is an organic polymer which is frequently used in fibres for textiles. As fibres the material is frequently referred to as Acrylic.
POLYMER_PC	Polycarbonate (PC)	Polycarbonate, a transparent thermoplastic which is used in a wide variety of applications including CDs and DVDs, eyeglasses, cell phone covers, laptops as well as packaging applications such as bottles.
POLYMER_PCL	Polycaprolactone (PCL)	Polycaprolactone is a biodegradable polyester which is also used in the manufacturing of polyurethanes. It is also used in blends with thermoplastic starch to improve properties and can also be used as a plasticizer to PVC.
POLYMER_PE	Polyethylene (PE)	A thermoplastic composed of the polymers of ethylene.
POLYMER_PEN	Polyethylene Naphthalate (PEN)	Polyethylene naphthalate is a polymer with good barrier properties (unlike Polyethylene terephthalate). It is well-suited for production of the amber-colored bottles meant for packing beverages like beer.
POLYMER_PET	Polyethylene Terephthalate (PET)	Polyethylene terephthalate is a thermoplastic polymer resin of the polyester family and is used in synthetic fibers. Can be applied to bottles, flasks and caps.
POLYMER_PHA	Polyhydroxyalkanoates (PHA)	Polyhydroxyalkanoates are linear polyesters produced in nature by bacterial fermentation of sugar or lipids.

POLYMER_PLA	Polylactic Acid or Polylactide (PLA)	Polylactic acid or Polylactide is a biodegradable, thermoplastic, aliphatic polyester derived from lactic acid.
POLYMER_PP	Polypropylene (PP)	A non-specific material made of various thermoplastic plastics or fibers that are polymers of propylene.
POLYMER_PS	Polystyrene (PS)	A polymer prepared by the polymerization of styrene as the sole monomer
POLYMER_PU	Polyurethanes (PU)	Polyurethanes are primarily thermoset resins which are used in the manufacture of flexible and rigid foams, microcellular foam seals and gaskets, as well as high performance adhesives, surface coatings and sealants. Polyurethane can also be used to make synthetic fibers.
POLYMER_PVA	Polyvinyl Alcohol (PVA)	Polyvinyl alcohol (PVA or PVOH) is a biodegradable and highly water soluble polymer with high gas and grease barrier. Common uses for PVA are paper adhesives, paper coatings, as a self-standing water soluble films as well as blends to improve processability of thermoplastic starch.
POLYMER_PVC	Polyvinylchlorid (PVC)	A polymer of vinyl chloride used especially for electrical insulation, films, and pipes
POLYMER_PVDC	Polyvinylidene Chloride (PVDC)	Polyvinylidene chloride is primarily used as a barrier coating to provide barrier against fat, vapour and gases.
POLYMER_TPS	Thermoplastic Starch (TPS)	Thermoplastic starch is obtained through deconstructurization of natural starch through exposure to shear and heat. TPS is most frequently used in blends with biodegradable synthetic polymers such as PCL and PVA.
RUBBER	Rubber	A strong elastic synthetic substance made either by improving the qualities of natural rubber or by an industrial process using petroleum and coal products
WOOD_HARDWOOD	Hardwood	A general term referring to any variety of broad-leaved, deciduous trees, and the wood from those trees. The term has nothing to do with the actual hardness of the wood; some hardwoods are softer than certain softwood (evergreen) species.
WOOD_OTHER	Wood	A non specific material made from the hard fibrous lignified substance under the bark of



		trees.
WOOD_SOFTWOOD	Softwood	General term used to describe lumber produced from needle and/or cone bearing trees (Conifers).
VINYL	Vinyl	A non-specific polymer of a vinyl compound or a product (as a resin or a textile fiber) made from such a polymer
WIRE	Wire	A non-specific material made of metal in the form of a very flexible thread or slender rod.

6.153. Packaging Material Performance Code

GS1 Code List	PackagingMaterialPerformanceCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
1	First submission of packaging (use for new trade items or existing trade items without packaging changes.
2	Similar or equal to current packaging (use if there is no change to the performance of the packaging.
3	Improved packaging performance (use if the new packaging improves the performance than the previous packaging.
4	Reduced packaging performance (use if the new packaging reduces the performance than the previous packaging.

6.154. Packaging Recycling Process Type Code

GS1 Code List	PackagingRecyclingProcessTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
COMPOSTABLE	Packaging that can biodegrade generating a relatively homogeneous and stable humus-like substance.
ENERGY_RECOVERABLE	Packaging which allows for a net calorific gain in energy recovery operations.
RECYCLABLE	Packaging material and format which can be diverted from the waste stream through available processes and programmes and can be collected, processed and returned to use in the form of raw materials or products.



REUSABLE	Packaging that has been conceived and designed to accomplish within its life cycle a certain number of trips, rotations or uses for the same purpose for which it was conceived.
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6.155. Packaging Recovery Rate Type Code

GS1 Code List	PackagingRecoveryRateTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
COMPOSTING_ORGANIC_RECOVERY	<p>Packaging and the environment — Organic recycling</p> <p>For each of the packaging components the following four aspects are addressed:</p> <ul style="list-style-type: none"> a) biodegradation b) disintegration during biological waste treatment process (i.e. composting); c) negative effects on the biological process; d) negative effects on the quality of the resulting compost, including the persistence of high levels of regulated metals and other substances, hazardous to the environment.
ENERGY_RECOVERY	To allow optimization of energy recovery in a real industry system, the theoretical calorific gain shall be well above zero. To claim energy recovery q_{net} shall be equal to greater than $q_{net,min,real}$ as defined for various incineration conditions. Reference ISO18605:2013(E) Annex A.
MATERIAL_RECYCLING	The supplier shall be able to demonstrate that the procedures defined in normative ISO 18604:2013(E) Annexes A and ISO 18604:2013(E) B have been followed in arriving at the final design of the finish
OTHER	Code value not available in code list.

6.156. Packaging Recycled Content Type Code

GS1 Code List	PackagingRecycledContentTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
OTHER	Code value not available in code list.
POST_CONSUMER_RECYCLED_CONTENT	The ratio of post-consumer recycled material (post-consumer and pre consumer as defined by ISO 14021) to total material used in packaging constituents, packaging components, or packaging systems.



PRE_CONSUMER_RECYCLED_CONTENT	The ratio of pre-consumer recycled material (post-consumer and pre consumer as defined by ISO 14021) to total material used in packaging constituents, packaging components, or packaging systems
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6.157. Packaging Recycling Scheme Code

GS1 Code List	PackagingRecyclingSchemeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
A_PULLO	PALPA stands for Suomen Palautuspakkaus Oy. PALPA administers the recycling of beverage containers and promotes recycling in Finland. A-pullo is one of the recycling systems PALPA is administer. This is a recycling system used in Finland.
ALKO	Alko inc. is an independent, entirely State-owned company. Alko is administered and supervised by the Ministry of Social Affairs and Health. They have own recycling system for alcohol products bottles called Alko. This is a recycling system used in Finland
CEN	Comite Europeen de Normalisation / European Committee for Standardization) is a major provider of European Standards and technical specifications. It is the only recognized European organization according to Directive 98/34/EC for the planning, drafting and adoption of European Standards in all areas of economic activity with the exception of electrotechnology (CENELEC) and telecommunication (ETSI).
EKO_PULLO	PALPA Standas for Suomen Palautuspakkaus Oy. PALPA administers the recycling of beverage containes and promotes recycling in Finland. EKO-pullo is one of the recycling systems PALPA is administer. This is a recycling system used in Finland.
PALPA	PALPA stands for Suomen Palautuspakkaus Oy. PALPA administers the recycling of beverage containers and promotes recycling in Finland. PALPA is on of the recycling systems PALPA is administer. This is a recycling system used in Finland.

6.158. Packaging Renewable Content Type Code

GS1 Code List	PackagingRenewableContentTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
OTHER	Code value not available in code list.
RENEWABLE_CARBON_CONTENT	it is the renewable fraction of the total carbon content of the item, i.e. excluding all atoms and molecules which are non-carbon.



RENEWABLE_CONTENT	In the first case it is a percentage by weight of whatever item is measured.
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6.159. Packaging Reusability Standard Code

GS1 Code List	PackagingReusabilityStandardCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
EN13429	The CEN (the European Committee for Standardization) standard on reusable packaging
ISO18603	ISO standards in the field of packaging and the environment Reuse
EN13429_ISO18603	Both EN13429 and ISO18603
OTHER	Code value not available in code list.

6.160. Packaging Shape Code

GS1 Code List	PackagingShapeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
BAR	A relatively long, evenly shaped piece of some solid substance
COIL	A spiral structure made by winding a material into a series of loops. A coil may or may not have a spindle around which the loops are formed.
CONE	A cone is a three-dimensional geometric shape that tapers smoothly from a flat, round base to a point.
CYLINDRICAL	A long shape that has a circular base and an equally-sized circular top.
POLYGON	A plane figure that is bounded by a closed path or circuit composed of a finite sequence of equally-sized straight line segments. A polygon may have a varying number of segments or 'faces' resulting in different configurations, for example a 5-faced polygon: pentagon, 6-faced: hexagon, 8-faced: octagon, 12-faced: dodecahedron, etc.
RECTANGULAR	A closed planar quadrilateral with four right angles.
SPHERICAL	A perfectly round geometrical object in three-dimensional space, such as the shape of a round ball. Like a circle in two dimensions, a perfect sphere is completely symmetrical around its centre, with all points on the surface lying the same distance from the centre point.
TABLET	The result of different materials being compressed into a solid block usually of small dimensions.
UNSPECIFIED	Shape is not currently specified in the list. To be used as a temporary means until a specific missing value is added to the list.



6.161. Packaging Terms And Conditions Code

GS1 Code List	PackagingTermsAndConditionsCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
1	Packaging cost paid by supplier. The cost of packaging is paid by the supplier
2	Packaging cost paid by recipient. The cost of packaging is paid by the recipient.
3	Packaging cost not charged (returnable). There is no charge for packaging because it is returnable.
4	Safe return deposit. A deposit paid to guarantee the safe return of the package.
5	Not reusable. The package is not reusable. The equipment may only be used once and is not reusable for the purpose for which it was designed.
6	Package exchangeable at the point of delivery. The package may be exchanged at the point of delivery.
7	Repack in. Code identifying that goods should be repacked from the identified package.
8	Unpack from. Code identifying that goods should be unpacked from the identified package.
9	Pack in. Code identifying that goods should be packed from the identified package.
10	Rented. The package has been/will be rented from a rental agency (e.g. CHEP pallets).
11	Labelled. The package is labelled
12	Recycling Fee Paid. Identifies that the package recycling fee for a trade item has already been paid when the item is sold to the retailer.



6.162. Package Type Code (GDSN)

GS1 Code List	PackageTypeCode	
GS1 Code List Version	R1	
Managing Agency	GS1	
Based on Code List	UN/ECE CEFACT Trade Facilitation Recommendation No.21	
Type Of Management	Exended and Restricted	
Code Value	Code Name	Code Definition
AA	Intermediate bulk container, rigid plastic	A Rigid Intermediate Bulk Container (RIBC) that is attached to a pallet or has the pallet integrated into the RIBC. The container is used for the transport and storage of fluids and other bulk materials. The construction of the IBC container and the materials used are chosen depending on the application. There are various types available in the market place. Foldable (collapsible) IBC Container, Plastic composite IBC Container, Wire Cage IBC Container, Steel IBC Container, and Stainless steel IBC Container.
AE	Aerosol	A gas-tight, pressure-resistant container with a valve and propellant. When the valve is opened, propellant forces the product from the container in a fine or coarse spray pattern or stream. (e.g., a spray can dispensing paint, furniture polish, etc, under pressure). It does not include atomizers, because atomizers do not rely on a pressurised container to propel product from the container.
AM	Ampoule	A relatively small container made from glass or plastic tubing, the end of which is drawn into a stem and closed by fusion after filling. The bottom may be flat, convex, or drawn out. An ampule is opened by breaking the stem.
BA	Barrel	A cylindrical packaging whose bottom end is permanently fixed to the body and top end (head) is either removable or non-removable.
BBG	Bag in Box	Bag-In-Box or BIB is a type of container for the storage and transportation of liquids. It consists of a strong bladder, usually made of aluminium PET film or other plastics seated inside a corrugated fibreboard box. The box and internal bag can be fused together. In most cases there is nozzle or valve fixed to the bag. The nozzle can be connected easily to a dispensing installation or the valve allows for convenient dispensing.
BG	Bag	A preformed, flexible container, generally enclosed on all but one side, which forms an opening that may or may not be sealed after filling.
BK	Basket	A semi rigid container usually open at the top traditionally used for gathering, shipping and marketing agricultural products.

BO	Bottle	A container having a round neck of relatively smaller diameter than the body and an opening capable of holding a closure for retention of the contents. Specifically, a narrow-necked container as compared with a jar or wide-mouth container. The cross section of the bottle may be round, oval, square, oblong, or a combination of these. Bottles generally are made of glass or plastics, but can also be earthenware or metal. Bottle may be disposable, recyclable, returnable, or reusable.
X11	Banded package	Something used to bind, tie, or encircle the item or its packaging to secure and maintain unit integrity.
BPG	Blister pack	A type of packaging in which the item is secured between a preformed (usually transparent plastic) dome or "bubble" and a paperboard surface or "carrier." Attachment may be by stapling, heat-sealing, gluing, or other means. In other instances, the blister folds over the product in clam-shell fashion to form an enclosing container. Blisters are most usually thermoformed from polyvinyl chloride; however, almost any thermoplastic can be thermoformed into a blister.
BRI	Brick	A rectangular-shaped, stackable package designed primarily for liquids such as juice or milk
BX	Box	A non-specific term used to refer to a rigid, three-dimensional container with closed faces that completely enclose its contents and may be made out of any material. Even though some boxes might be reused or become resealed they could also be disposable depending on the product hierarchy.
BJ	Bucket	A container, usually cylindrical, can be equipped with a lid and a handle. (e.g., a pail made of metal, plastic, or other appropriate material).
CG	Cage	A container enclosed on at least one side by a grating of wires or bars that lets in air and light.
CM	Card	A flat package to which the product is hung or attached for display.
CMS	Clam Shell	A one-piece container consisting of two halves joined by a hinge area which allows the structure to come together to close. Clamshells get their name from their appearance to the shell of a clam, which it resembles both in form and function.
CNG	Can	A metallic and generally cylindrical container of unspecified size which can be used for items of consumer and institutional sizes.
CT	Carton	A non-specific term for an open or re-closable container used mostly for perishable foods (e.g. eggs, or fruit).
CS	Case	A non-specific term for a container designed to hold, house, and sheath or encase its content while protecting it during distribution, storage and/or exhibition. Cases are mostly intended to store and preserve its contents during the product's entire lifetime.
CR	Crate	A non-specific term usually referring to a rigid three-dimensional container with semi-closed faces that



		enclose its contents for shipment or storage. Crates could have an open or closed top and may have internal dividers. Even though some crates might be reused or become resealed they could also be disposable depending on the product hierarchy.
CU	Cup\Tub	A flat-bottomed container that has a base of any shape and which may or not be closed with a lid. Usually made of paper, plastic or other materials these containers are typically used to contain mostly (but not exclusively) foods such as ice cream, margarine, yogurt, sour cream, confections, etc.
CY	Cylinder	A rigid cylindrical container with straight sides and circular ends of equal size.
EN	Envelope	A predominantly flat container of flexible material having only two faces, and joined at three edges to form an enclosure. The non-joined edge provides a filling opening, which may later be closed by a gummed or adhesive flap, heat seal, tie string, metal clasp, or other methods.
GTG	Gable Top	A rectangular-shaped, non-stackable package designed primarily for liquids such as juice or milk
JR	Jar	A rigid container made of glass, stone, earthenware, plastic or other appropriate material with a large opening, which is used to store products, (e.g., jams, cosmetics).
JG	Jug	A container, normally cylindrical, with a handle and/or a lid or spout for holding and pouring liquids
MPG	Multipack	A bundle of products held together for ease of carriage by the consumer. A multipack is always a consumer unit.
NT	Net	A container of meshwork material made from threads or strips twisted or woven to form a regular pattern with spaces between the threads that is used for holding, carrying, trapping, or confining something.
NE	Not packed	The item is provided without packaging.
PT	Pot	A flat-bottomed container that has a base of any shape and which may or not be closed with a lid. Pots are usually made of cardboard, plastic, ceramic, metal or other materials and may be used for a wide array of products such as cosmetics, food/liquids, dairy products, plants.
PX	Pallet	A platform used to hold or transport unit loads.
PB	Pallet Box	A three-dimensional container which either has a pallet platform permanently attached at its base or alternatively requires a platform for its handling and storage as due to its constitution it cannot be handled without it. The characteristics of the platform should be specified using the pallet type code list
PO	Pouch	A preformed, flexible container, generally enclosed with a gusset seal at the bottom of the pack can be shaped/arranged to allow the pack to stand on shelf.
PU	Tray	A shallow container, which may or may not have a cover, used for displaying, carrying items or carry for



		<p>warehousing.</p> <p>Examples for TIIG</p> <ul style="list-style-type: none"> • Plate • Cardboard carrier • Cellplate • Divider Sheet/Slip Sheet • Plastic-Wrapped Tray • Tray for bottles • Tray one layer no cover • Tray tablet • Tray Shrinkpacked • Tray/Tray pack • Other Information <p>• This code also covers all 'ready to cook' plates in which some products are sold.</p> <p>• Divider Sheets/Slip Sheets which are used to hold layers on a pallet for efficient cross docking warehousing processes.</p>
PLP	Peel Pack	A package used for sterile products which may be torn open without touching the product inside.
PUG	Packed, unspecified	Packaging of the product (or products) is currently not on the list. Use this code when no suitable options are available and only while a Change Request is approved for the proper packaging type.
RK	Rack	A non specific term identifying a framework or stand for carrying, holding, or storing items. Commonly on wheels and primarily used in the logistical functions to deliver items such as hanging garments, or items on shelves such as dairy products and bakery items and flowers.
RL	Reel	A spool on which thread, wire, film, etc, is wound. Any device on which a material may be wound. Usually has flanged ends and is used for shipping or processing purposes.
SW	Shrinkwrapped	In packaging, a plastic film around an item or group of items which is heated causing the film to shrink, securing the unit integrity. The use of shrunken film to tightly wrap a package or a unit load in order to bind, protect and immobilize it for further handling or shipping.
SY	Sleeve	A non-rigid container usually made of paper, cardboard or plastic, that is open-ended and is slid over the contents for protection or presentation.
STR	Stretchwrapped	In packaging, a high-tensile plastic film, stretched and wrapped repeatedly around an item or group of items to secure and maintain unit integrity. The use of stretch film to tightly wrap a package or a unit load in order to bind, protect and immobilize it for further handling or shipping.
TU	Tube	A cylindrical container sealed on one end that could be closed with a cap or dispenser on the other end.
WRP	Wrapper	The process of enclosing all or part of an item with layers of flexible wrapping material (e.g., for an



		individually packed ice cream). Does not include items which are shrink-wrapped or vacuum-packed.
ZU	Flexible Intermediate Bulk Container	A non-rigid container used for transport and storage of fluids and other bulk materials. The construction of the IBC container and the materials used are chosen depending on the application.

6.163. Peg Hole Type Code

GS1 Code List	PegHoleTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
ES1	Euro Slot 25 millimetre.
ES2	Euro Slot 33 millimetre
HH1	Hole Hook: An open hook (a peg hole open from one side) enabling packages to be hung at any position on the peg.
RL1	A round hole.
SL1	A slot hole with 10 millimetres width.
SL3	A slot hole with 7 millimetres width.

6.164. Phase Of Matter Code

GS1 Code List	PhaseOfMatterCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
GAS	<p>A material, which has a vapour pressure greater than 300 kPa (43.5 psia) at 50°C (122°F) or is completely gaseous at 20°C (68°F) at a standard pressure of 101.3 kPa (14.7 psia). Including:</p> <p>Aerosol: Any non-refillable receptacle containing a gas compressed, liquefied or dissolved under pressure, the sole purpose of which is to expel a non-poisonous (other than a Division 6.1 Package Group III Material) liquid, paste, or powder and fitted with a self-closing release device allowing the contents to be ejected by the gas.</p> <p>Asphyxiant Gas: A gas, which dilutes or replaces the oxygen normally in the atmosphere.</p> <p>Compressed Gas in Solution: A non-liquefied compressed gas, which is dissolved in a solvent.</p> <p>Liquefied Compressed Gas: A gas, which when packaged under pressure for transportation is partially liquid at temperatures above -50° C (-58° F). A liquefied compressed gas is further categorized</p>



	<p>as follows:</p> <p>High Pressure Liquefied Gas: A gas with a critical temperature between -50 °C (-58° F) and + 65° C (149° F).</p> <p>Low Pressure Liquefied Gas: A gas with a critical temperature above + 65° C (149° F).</p> <p>Non-Liquefied Compressed Gas: A gas, which when packaged under pressure for transportation is entirely gaseous at -50° C (-58° F) with a critical temperature less than or equal to -50° C (-58° F).</p> <p>Oxidizing Gas: A gas, which may, generally by providing oxygen, cause or contribute to the combustion of other material more than air does.</p>
LIQUID	A material, other than an elevated temperature material, with a melting point or initial melting point of 20°C (68°F) or lower at a standard pressure of 101.3 kPa (14.7 psia). A viscous material for which a specific melting point cannot be determined must be subjected to the procedures specified in ASTM D 4359 "Standard Test Method for Determining Whether a Material is Liquid or Solid".
MIXED	Any combination of the other states.
REFRIGERANT_OR_DISPERSANT_GAS	All non-toxic refrigerant gases, dispersant gases (fluorocarbons) and mixtures thereof, or any other compressed gas having a vapour pressure not exceeding 260 psia at 54°C (130°F), used only as a refrigerant, dispersant or blowing agent.
REFRIGERATED_LIQUID	Cryogenic Liquid . A refrigerated liquefied gas having a boiling point colder than -90°C (-130°F) at 101.3 kPa (14.7 psia).
SOLID	A material that does not meet the definition of a liquid or gas (i.e., powder, pellet, flake).

6.165. Physical Resource Type Code

GS1 Code List	PhysicalResourceTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
DIESEL	Any liquid fuel used in diesel engines. The most common is a specific fractional distillate of petroleum fuel oil, but alternatives that are not derived from petroleum, such as biodiesel, biomass to liquid (BTL) or gas to liquid (GTL) diesel, are increasingly being developed and adopted.
ELECTRICITY	A movement or flow of electrically charged particles, typically measured in amperes.
FUEL_OIL	Any liquid petroleum product that is burned in a furnace or boiler for the generation of heat or used in an engine for the generation of power, except oils having a flash point of approximately 40 °C (104 °F) and oils burned in cotton or wool-wick burners. Fuel oil is made of long hydrocarbon chains, particularly alkanes, cycloalkanes and aromatics. The term fuel oil is also used in a stricter sense to refer only to the heaviest commercial fuel that can be obtained from crude oil, heavier than gasoline and naphtha.



GASOLINE	Gasoline or petrol is a transparent petroleum-derived liquid that is primarily used as a fuel in internal combustion engines. It consists mostly of organic compounds obtained by the fractional distillation of petroleum, enhanced with a variety of additives. Some gasolines also contain ethanol as an alternative fuel. In North America the term "gasoline" is often shortened in colloquial usage to "gas" but some people use the term "petrol".
NATURAL_GAS	A naturally occurring hydrocarbon gas mixture consisting primarily of methane, with other hydrocarbons, carbon dioxide, nitrogen and hydrogen sulfide. Natural gas is widely used as an important energy source in many applications including heating buildings, generating electricity, providing heat and power to industry, as fuel for vehicles and as a chemical feedstock in the manufacture of products such as plastics and other commercially important organic chemicals.
PROPANE	A three-carbon alkane with the molecular formula C ₃ H ₈ , normally a gas, but compressible to a transportable liquid. A by-product of natural gas processing and petroleum refining, it is commonly used as a fuel for engines, oxy-gas torches, barbecues, portable stoves, and residential central heating. Propane is one of a group of liquefied petroleum gases. The others include butane, propylene, butadiene, butylene, isobutylene and mixtures thereof.
OTHER	A physical resource other than those listed in the Physical Resource Type Code List.
WATER	A chemical substance with the chemical formula H ₂ O. A water molecule contains one oxygen and two hydrogen atoms connected by covalent bonds. Water is a liquid at ambient conditions, but it often co-exists on Earth with its solid state, ice, and gaseous state (water vapor or steam). Water also exists in a liquid crystal state near hydrophilic surfaces.

6.166. Physical Resource Usage Measurement Type Code

GS1 Code List	PhysicalResourceUsageMeasurementTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
AVERAGE	The average resources used.
MAXIMUM	The maximum resources used.



6.167. Physiochemical Characteristic Code

GS1 Code List	PhysiochemicalCharacteristicCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
AFLATOXIN_B1_LESS_THAN	To indicate the value of aflatoxin B1 (stated in less than X microgram per kilogram)
AFLATOXIN_B2_LESS_THAN	To indicate the value of aflatoxin B2 (stated in less than X microgram per kilogram)
AFLATOXIN_G1_LESS_THAN	To indicate the value of aflatoxin G1 (stated in less than X microgram per kilogram)
AFLATOXIN_G2_LESS_THAN	To indicate the value of aflatoxin G2 (stated in less than X microgram per kilogram)
AFLATOXIN_M1_LESS_THAN	To indicate the value of aflatoxin M1 (stated in less than X microgram per kilogram)
CADMIUM_LESS_THAN	To indicate the value of cadmium (stated in less than X microgram per kilogram)
LEAD_LESS_THAN	To indicate the value of lead (stated in less than X microgram per kilogram)
MERCURY_LESS_THAN	To indicate the value of mercury (stated in less than X microgram per kilogram)
MYCOTOXINS	To indicate the value of mycotoxins
OCHRATOXIN_A	To indicate the value of ochratoxin A (stated in less than X microgram per kilogram)
PENETROMY	To indicate the firmness (density) of the pulp in fruits and vegetables
TARGET_ACIDITY	To indicate the target acidity of the product
TARGET_DEGREE_BRIX	Brix degree is the weight (in grams) of dry material contained in 100 grams of a distilled water solution
TARGET_DENSITY	To indicate the target density of the product
TARGET_DRY_MATERIAL	Target material quantity after total dehydration of the product (constant weight)
TARGET_FAT	To indicate the target value of fat
TARGET_FAT_ON_DRY_BASIS	Target fat material proportion on dry material of the product
TARGET_HUMIDITY	Target quantity of the water vapour contained in the product
TARGET_INHIBITOR	Substance target quantity which jams or delays a chemical reaction
TARGET_NEUTRALISING_AGENT	Substance target quantity which avoids the realisation of a chemical reaction
TARGET_NONFAT_DRY_SOLIDS	Target dry material quantity of the product minus fat material
TARGET_PH	Measure of the target acidity or alkalinity of a solution



TARGET_PH_OLEIC_ACIDITY	To indicate the target value of PH oleic acidity of the product
TARGET_PROTEIN_RATE	To indicate the target value of protein rate
TARGET_SPECIFIC_GRAVITY	To indicate the target specific gravity of the product
TARGET_VISCOSITY	Target resistance property to the flow
TARGET_WATER_ACTIVITY	Target chemical's potential of the water in the substance: it defines the foods shelf life
WEIGHT_DENSITY	The volume of 1 measurement (e.g. LB) of water divided by the volume of 1 measurement (e.g.) of the product.

6.168. Platform Terms And Conditions Code

GS1 Code List	PlatformTermsAndConditionsCode	
GS1 Code List Version	R1	
Managing Agency	GS1	
Based on Code List	n/a	
Type Of Management	n/a	
Code Value	Code Definition	
1	No Exchange / No Return	
2	Exchange Pallets	
3	Return Pallets	
4	Pallets to be Purchased by Customer	
5	Pallet – Third Party Exchange A pallet exchange program where a third party rents pallets for internal or external use.	
6	One-way pallet. Pallet need not be returned to the point of expedition.	
7	Returnable pallet. Pallet must be returned to the point of expedition.	

6.169. Platform Type Code

GS1 Code List	PlatformTypeCode	
GS1 Code List Version	R1	
Managing Agency	GS1	
Based on Code List	n/a	
Type Of Management	n/a	
Code Value	Code Name	Code Definition
9	Slip Sheet	A firm sheet of plastic, cardboard or other material which may be hooked or attached to a forklift or other transportation equipment. The slip sheet is used to pull products stacked on top of it. Use packaging dimension attributes to specify the size of the slip sheet.
10	ISO 0 Pallet	Flat pallet with dimensions of 800 x 1200 mm ISO 6780 ISO 1 Pallet, EUR Pallet
11	ISO 1 Pallet	Flat pallet with dimensions of 1200 x 1000 mm ISO 6780 ISO 2 Pallet, EUR 2 Pallet



12	ISO 2 Pallet	Quarter size of the standard EuroPallet with dimensions of 600 x 400 mm, Quarter size of the standard EuroPallet (EUR)
13	1/4 EUR Pallet	Eighth size of the standard EuroPallet (EUR) with dimensions of 400 x 300 mm. 1/8 EUR Pallet
14	1/8 EUR Pallet	Eighth size of the standard EuroPallet (EUR) size as defined by the European Pallet Association (EPAL); with dimensions of 400 x 300 mm.
25	Australian Pallet	Standardised square pallet with dimensions of 1165 x 1165 mm, which perfectly fits in the RACE container of the Australian Railway.
27	Unspecified	Platform of Unspecified Weight or Dimension: Pallet level hierarchy is being shipped on a shipping platform of unknown dimensions or unknown weight. The platform weight or dimension may differ within the same shipment. All other values including null would indicate that the weight and dimensions include the shipping platform.
30	1/2 EUR Pallet	Half size of the standard EuroPallet (EUR) size as defined by the European Pallet Association (EPAL); with dimensions of 800 x 600 mm.
31	1/2 ISO 2 Pallet	Half size flat pallet with dimensions of 1000 x 600 mm. 1/2 ISO 2 Pallet.
32	Block Pallet	A pallet constructed with blocks at the corners and middle to which three stringers boards are attached with top deck boards attached perpendicular to the stringers. Block pallets can have a variety of bottom deck configurations; no bottom boards, boards parallel to the top deck boards or a full parameter base similar to a picture frame.
33	Dolly	A portable, horizontal, rigid platform on wheels or rollers, used as a base for assembling, storing, stacking, handling and transporting goods as a unit, suitable for manually positioning.
34	EUR 2 Pallet	Standard EuroPallet (EUR2) size as defined by the European Pallet Association (EPAL); with dimensions of 1200 x 1000 mm. Also termed ISO 2.
35	EUR 3 Pallet	Standard EuroPallet (EUR3) size with dimensions of 1000 x 1200 mm. EUR 3 Pallet
36	EUR 6 Pallet	Standard EuroPallet (EUR6) size as defined by the European Pallet Association (EPAL); with dimensions of 800 x 600 mm.
37	EUR Pallet	Standard EuroPallet (EUR) size as defined by the European Pallet Association (EPAL); with dimensions of 800 x 1200 mm.
38	Horizontal Drum Pallet	A rigid platform with integrated restraints to prevent horizontally orientated cylindrical containers from slipping. Horizontal Drum Pallets are used for assembling, storing, stacking, handling and transporting cylindrical containers, e.g. drums, barrels, or kegs, as a unit load, suitable for lifting by a forklift, pallet jack, or other jacking device.
39	IBC Pallet	An IBC Pallet is a Rigid Intermediate Bulk Container (RIBC) that is attached to a pallet or has the pallet integrated into the RIBC. The container is used for the transport and storage of fluids and other bulk materials. The construction



		of the IBC container and the materials used are chosen depending on the application. There are various types available in the market place. Foldable (collapsible) IBC Container, Plastic composite IBC Container, Wire Cage IBC Container, Steel IBC Container, and Stainless steel IBC Container
40	ISO 3 Pallet	ISO 3 Pallet Flat pallet with dimensions of 1219 x 1016 mm (48 x 40 In) as defined in ISO 6780; primarily used in the Americas region.
41	ISO 4 Pallet	Flat pallet with dimensions of 1067 x 1067 mm (42 x 42 in) primarily used in the Americas region. ISO 4 Pallet.
42	ISO 5 Pallet	Flat pallet with dimensions of 1100 x 1100 mm primarily used in the Asia Pacific region. Also referred to as the "T11" pallet. ISO 5 Pallet.
43	ISO 6 Pallet	Flat pallet with dimensions of 1140 x 1140 mm primarily used in the European region. ISO 6 Pallet.
44	Skid	A group of parallel wooden runners attached to the undersides of boxes, crates, and machines to allow entry of platform trucks or fork lift tines.
45	Stringer Pallet	A pallet constructed with boards (stringers) on edge to which the top deck and bottom deck boards are attached. The stringers may be notched to facilitate four way entry and lifting by a fork lift or other pallet jacking device.
46	Vertical Drum Pallet	A rigid platform with integrated restraints to prevent vertically orientated cylindrical containers from slipping. Vertical Drum Pallets are used for assembling, storing, stacking, handling and transporting cylindrical containers, e.g. drums, barrels, or kegs, as a unit load, suitable for lifting by a forklift, pallet jack, or other jacking device.
47	1/3 European Pallet	One third size of the standard Euro Pallet size with dimensions of 800 x 400 mm. 1/3 European Pallet.
48	1/2 ISO 3 Pallet	Half size flat pallet with dimensions of 610 x 1016 mm (24 x 40 In); primarily used in the Americas region.
49	1/4 ISO 3 Pallet	Quarter size flat pallet with dimensions of 610 x 508 mm (24 x 20 In); primarily used in the Americas region.
50	Custom Platform	A portable, horizontal, rigid platform used as a base for assembling, storing, stacking, handling and transporting goods as a unit load, suitable for lifting by a forklift, pallet jack, or other jacking device.



6.170. Plumbing Control Type Code

Code Value	Code Definition
BARE_STEM_NO_OPERATOR	This control is a peg or stem extending from the unit. There is no handle or lever on the end of the stem.
CROSS_HANDWHEEL	The control is a device, which resembles a cross or "+", which when attached to the stem can be turned to operate the unit.
ELECTRIC_ACTUATORS	An electronic actuator converts energy (in the form of electricity) into motion. The motion can be rotary or linear, depending on the type of actuator.
EXTENDED_LEVER_HANDLE	The control is a flat piece of material made such as for one end to fit over the stem and can be turned to operate the unit. The unit is considered an extended lever as it has another piece of material into which the stem is inserted thereby causing the handle to be set away from the unit it operates
EXTENDED_LEVER_HANDLE_WITH_MEMORY_STOP	The control is a flat piece of material made to fit over the stem and can be turned to operate the unit. The unit is considered an extended lever as it has another piece of material into which the stem is inserted thereby causing the handle to be set away from the unit it operates. Memory stop is a device which allows the user to set the range of motion allowable for the handle.
EXTENDED_ROUND_HANDLE	The control is a circular device which when attached to the stem can be turned to operate the unit. The unit is considered an extended lever as it has another piece of material into which the stem is inserted thereby causing the handle to be set away from the unit it operates.
GEAR_OPERATOR	The control is a device which contains a gear box and having a circular handle, thereby increasing the number of turns of the handle required to change the direction of the closure member, and reducing the force needed to operate the unit.
HORIZONTAL_CHAIN_LEVER_HANDLE	The control is a bar attached to a unit, designed to be mounted horizontally. A chain is attached on each end of the bar. By pulling on one chain or the other, the unit can be set into operation.
INSULATION_HANDLE	The control is a device comprised of non-conductive materials which can be turned to operate the unit even when thermal pipe insulation is affixed around the unit.



LEVER_HANDLE	The control is a flat piece of material made such as for one end to fit over the stem and can be turned to operate the unit.
LEVER_LOCK_OPERATOR	The control is a long handle with a catch mechanism. The position lock can be used to set the valve in the full open or full closed position. This type of control may or may not have the ability to be locked with a padlock.
LOCKING_LEVER_HANDLE	The control is a flat piece of material made such as for one end to fit over the stem and can be turned to operate the unit. The lever has a secondary piece of material, which when engaged can hold the lever in one position. This type of control may or may not have the ability to be locked with a padlock. The control is a flat piece of material made such as for one end to fit over the stem and can be turned to operate the unit. The lever has a secondary piece of material, which when engaged can hold the lever in one position. This type of control may or may not have the ability to be locked with a padlock.
LOCKSHIELD_OPERATOR	The control is a stem with a keyed end. The control is operated by a lock shield key. The Key can be a simple as an allen key or more complex depending on the security required.
PNEUMATIC_ACTUATORS	A pneumatic actuator converts energy (in the form of compressed air, typically) into motion. The motion can be rotary or linear, depending on the type of actuator.
POSITION_LOCK_OPERATOR	The control is a long handle with a catch mechanism. The position lock can be used to set the valve in any position or as a memory stop so the valve may be reopened to the previous position. This type of control may or may not have the ability to be locked with a padlock.
ROUND_HANDLE	The control is a circular device which when attached to the stem can be turned to operate the unit.
SLOTTED	A groove or slot which allows for screwdrivers to be used to operate the control.
SOLENOID	A solenoid is a transducer device which converts energy into linear motion.
SOLID_TEE_OPERATOR	The control is a piece of material in the shape of a "T" in which the stem can be inserted. The Tee can then be rotated to operate the unit.
SQUARE_OPERATING_NUT	The control comprises a nut at the top of the stem. This nut is square in shape. Turning the nut turns the stem causing the unit to operate.
VERTICAL_CHAIN_LEVER_HANDLE	The control is a bar attached to a unit, designed to be mounted vertically. A chain is attached on each end of the bar. By pulling on one chain or the other, the unit can be set into operation.



WING_HANDLE	The control is a flat piece of material made such that the center of the device can over the stem and can be turned to operate the unit. The section of the bar are bent allowing for an easier grip and resemble wings.
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6.171. Plumbing HVAC Connection Agency Code

GS1 Code List	PlumbingHVACConnectionAgencyCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
ANSI	American National Standards Institute (ANSI) oversees the creation, promulgation and use of thousands of norms and guidelines that directly impact businesses in nearly every sector: from acoustical devices to construction equipment, from dairy and livestock production to energy distribution, and many more. ANSI is also actively engaged in accrediting programs that assess conformance to standards.- http://www.ansi.org/
ASME	The American Society of Mechanical Engineers (ASME) is a professional body, specifically an engineering society, focused on mechanical engineering. The organization's stated vision is to be the premier organization for promoting the art, science and practice of mechanical and multidisciplinary engineering and allied sciences to the diverse communities throughout the world. Its stated mission is to promote and enhance the technical competency and professional well-being of its members, and through quality programs and activities in mechanical engineering, better enable its practitioners to contribute to the well-being of humankind. Http://www.asme.org/
ASTM	American Society for Testing and Materials International (ASTM) specification documents, test methods, classifications, practices, and guides. These standards describe the characteristics of materials, systems, products, and services. ASTM documents are divided into nine sections, Metals, Construction, Paints, Petroleum Products, Plastics, Textiles, Rubber & Electric Insulating Materials, General Test Methods, and Miscellaneous. ASTM technical committees are made up of professionals from around the globe who develop ASTM standards. There are over 130 ASTM technical committees covering diverse industry areas ranging from metals to the environment. http://www.astm.org
CISPI	Cast Iron Soil Pipe Institute (CISPI) The Institute is dedicated to aiding and improving the plumbing industry. Through the preparation and distribution of technical reports, we seek to advance interest in the manufacture, use and distribution of cast iron soil pipe and fittings, and through a program of research and the cooperative effort of soil pipe manufacturers, we strive to improve the industry's products, achieve standardization of cast iron soil pipe and fittings, and provide a continuous program of product testing, evaluation and development. Assurance that pipe and fittings meet the approved standards and tolerances of the Institute is provided either by Ç®; or the CI NO-HUB® trademarks which are the collective marks all member companies may place on their products. www.cispi.org



CSA	"Canadian Standards Association (CSA) As a membership-based association serving business, industry, government and consumers in Canada and the global marketplace. As a solutions-oriented organization, CSA works in Canada and around the world to develop standards that address real needs, such as enhancing public health and safety. Advancing the quality of life. Helping to preserve the environment. Facilitating trade. CSA helps people understand standards through education and information products and services.
IAPMO	International Association of Plumbing and Mechanical Officials (IAPMO) As a membership-based association, IAPMO is proud to utilize an open consensus process in the development of our flagship Uniform Plumbing Code® and Uniform Mechanical Code®. These codes are established through scientific research, debate, and analysis, strengthening our position at the forefront of the plumbing and mechanical industries. The IAPMO Group is a complete service organization, providing code development assistance, industry-leading education, and a manufacturer-preferred quality assurance program. Each component of the IAPMO Group works toward our ultimate goal of protecting the health of people everywhere. www.iapmo.org
ISO	International Organization for Standardization (ISO) ISO is a non-governmental organization that forms a bridge between the public and private sectors. On the one hand, many of its member institutes are part of the governmental structure of their countries, or are mandated by their government. On the other hand, other members have their roots uniquely in the private sector, having been set up by national partnerships of industry associations
MSS	The Manufacturers Standardization Society (MSS) of the Valve and Fittings Industry is a non-profit technical association organized for development and improvement of industry, national and international codes and standards for: Valves, Valve Actuators, Pipe Fittings, Valve Modification, Flanges, Pipe Hangers, and Associated Seals. The primary function of MSS is to provide its members the means to develop engineering standard practices for the use and benefit of the industry and users of its products. The Society, the only organization dedicated solely to the technical needs of the industry, is currently comprised of 25 technical committees to write, revise and reaffirm industry standards. http://mss-hq.org/
NSF	National Sanitation Foundation International (NSF) NSF International helps protect you by certifying products and writing standard for food, water and consumer goods. NSF International is The Public Health and Safety Company™, providing public health and safety risk management solutions to companies, governments and consumers around the world. www.nsf.org
OTHER	Other agency not defined on this list.



6.172. Plumbing HVAC Connection Type Code

GS1 Code List	PlumbingHVACConnectionTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
AMERICAN_MECHANICAL_JOINT	An American Mechanical Joint is a rubber gasket is compressed by a ductile iron gland drawn up with low-alloy steel bolts which affords liberal deflection and allows expansion and contraction of the line without leakage and is rated for a water working pressure of up to 350 psi.
BELLED	The end length of increased diameter into which a pipe end can be fitted
BUTT	The connection is a flat cut end designed to mate directly to the end of another product. This connection is to connect the same sized pipes or valve ends together.
COMPRESSION_JOINT	A compression joint kind of tubing or pipe connection where a nut, and then a sleeve or ferrule is placed over a copper or plastic tube and is compressed tightly around the tube as the nut is tightened, forming a positive grip and seal without soldering. Also a flexible compression fitting.
CRIMPED	This type of joint requires the joint be crimped once sections are fit together. Some of the necessary connection parts must be added or acquired separately.
FEMALE_THREADED	Female Threaded
FLARE_JOINT	A Flare Joint is where a pipe or tube is widened to join with a larger diameter pipe, for example between a copper tube and a main water feed line.
FLANGED_JOINT	Flange generally refers to the actual raised rim or lip of a fitting which can be bolted to the flange of an opposite unit.
GROOVED_JOINT	Outer diameter of item has a groove which is designed to be joined together using external gaskets and couplings.
LUG	The lug body has protruding lugs that provide bolt holes matching those in the flanges. An advantage of the lug body type is that piping on one side of the valve may be disassembled while the valve remains bolted in place, allowing for the remainder of the system to continue in operation.
MALE_THREADED	Male Threaded
MECHANICAL_JOINT	A Mechanical Joint is a joint which typically consists of: (a) a flange which is integrally cast with the bell of the pipe, (b) a rubber gasket which fits into the recess in the socket, (c) a follower ring which compresses the gasket, and (d) nuts and bolts used to tighten the joint.
NO_HUB_IRON	A connector for no-hub iron pipe consisting of a rubber sleeve and a stainless steel band secured by hose clamps. A variation, a neoprene sleeve with two adjustable steel bands, is used for connecting dissimilar materials, as when connecting new plastic pipe to an existing cast iron drain pipe.



PACK_JOINT	Pack Joint
PLAIN	SPG - Spigot, FTG- Fitting, M- Male Pipe Size- Straight end to connect or insert into the bell end or fitting to join to connecting pipe.
PRESS	This type of joint requires the joint be crimped once sections are fit together. All of the necessary connection parts are present.
PUSH	A joint which can be pushed onto the opposite end manually to form a solid connection. This type of connection fits around an inserted pipe or fitting end.
QUICK_CONNECT	A connection which has the ability to joined and un-joined repeatedly or at will. This type of joint does not degrade the product over time. This type of joint is not considered by the industry to be a push joint.
SOCKET	The connection is a female socket end designed to allow for the insertion of straight pipe/tubing and joined using soldering, sweating, brazing, welding, or cementing. This connection is also called solder cup, hub, or slip joint.
SWIVEL_JOINT	This type of joint uses a pressure type seal while allowing rotation of the units being joined.
UNION_JOINT	This type of joint can connect and disjoint two pipes very easily without deformation to the pipe or tube.
WAFER	A wafer is a seal using a tightly fitting seal, i.e., gasket, o-ring, precision machined, and a flat valve face on the upstream and downstream sides of the valve.
YOKE_JOINT	A connection whereby a piece is expanded on one end into a seal face to form a joint.

6.173. Preliminary Item Status Code

GS1 Code List	PreliminaryItemStatusCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
FINAL	Item has attribute values that reflect go to market state.
PRELIMINARY	The trade item has data that the information provider intends to correct or add values to due to pre-production unknowns.



6.174. Preparation Type Code

GS1 Code List	PreparationTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
AS_DRAINED	The state of the product after it has been separated from any liquid within the package" – For example, a can of apricots in syrup would have a different nutritional composition if the apricots are consumed with the syrup rather than if the syrup is drained before consuming the apricots (because of the high sugar and energy content of the syrup).
BAKE	Cooking food in an oven by dry heat applied evenly throughout the oven
BARBECUE	Method of cooking meat with the heat and hot gasses of a fire
BLANCH	Food preparation wherein the food substance is rapidly plunged into boiling water and then removed after a brief, timed interval and then plunged into iced water or placed under cold running water
BLIND_BAKE	Baking a pie crust or other pastry without the filling
BOIL	Cooking food in boiling water, or other water-based liquid such as stock or milk
BRAISE	Cooking with "moist heat", typically in a covered pot with a small amount of liquid
BROIL	Cooking food with high heat with the heat applied directly to the food, most commonly from above. Heat transfer to the food is primarily via radiant heat
DEEP_FRY	Cooking method whereby food is submerged in hot oil or fat.
DOUBLE_STEAM	Cooking technique to prepare delicate food such as bird nests, shark fins etc. The food is covered with water and put in a covered ceramic jar
FREEZE	Convert the product from room temperature to a frozen state.Simple
FRY	Cooking of food in fat.
GRIDDLE_FRY	Form of cooking where the food is fried with its own fat.
GRILL	Form of cooking that involves direct heat. The definition varies widely by region and culture
HEAT_AND_SERVE	Prepare the item by simply heating or warming to a desired temperature or visual state prior to serving
MICROWAVE	Cooking food by employing microwave radiation
PAN_FRY	Form of frying characterised by the use of less cooking oil than deep frying



POACH	Cooking food by gently simmering food in liquid, generally water, stock or wine
PREPARED	The state of the product after preparation (e.g. after adding milk or water).
PRESSURE_COOK	Method of cooking in a sealed vessel that does not permit air or liquids to escape below a preset pressure
PRESSURE_FRY	Meat and cooking oil are brought to high temperatures while pressure is held high enough that the water within is prevented from boiling off
READY_TO_DRINK	No Preparation. The trade Item is ready for use after being taken out of the packaging (if packaging exists) without the need of any further action prior to consumption or use..
READY_TO_EAT	No Preparation. The trade Item is ready for use after being taken out of the packaging (if packaging exists) without the need of any further action prior to consumption or use.
RECONSTITUTE	Restore a dry or concentrated food to its original strength or consistency by adding water.
REFRIGERATE	Convert the product from room temperature to a chilled state.
ROAST	Cooking method that uses dry heat, whether an open flame, oven, or other heat source.
ROTISSERIE	Style of roasting where meat is skewered on a spit and revolves over a flame
SAUTE	Cooking food using a small amount of fat in a shallow pan over relatively high heat
SEAR	Technique used in grilling, roasting, braising, sautéing, etc. That cooks the surface of the food (usually meat, poultry or fish) at high temperature so that a caramelised crust forms
SIMMER	Cook food by heating it in water kept just below the boiling point (same as coddling)
SMOKE	Process of curing, cooking, or seasoning food by exposing it for long periods of time to the smoke from a wood fire
STEAM	Cooking by first boiling the water so it will evaporate into steam, then the steam will carry heat to the food, thus achieving heating the food
STEW	Preparing meat cut into smaller pieces or cubes by simmering it in liquid, usually together with vegetables
STIR_FRY	Chinese cooking technique used because of its fast cooking speed
THAW	Convert the product from a frozen state to a chilled or room temperature state.
UNPREPARED	The initial state of the product.
UNSPECIFIED	Unknown, not applicable



6.175. Prescription Type Code

GS1 Code List	PrescriptionTypeCode	
GS1 Code List Version	R1	
Managing Agency	GS1	
Based on Code List	n/a	
Type Of Management	n/a	
Code Value	Code Definition	
HOSPITAL_PRESCRIPTION	Available only through a hospital when prescribed by a doctor.	
HOSPITAL_PRESCRIPTION_REQUIRED_FOR_FIRST_PRESCRIPTION	This pharmaceutical or medical device must be prescribed for the first time at a hospital.	
NO_PRESCRIPTION_REQUIRED	No prescription is needed for this trade item.	
PRESCRIPTION_REQUIRED_ANY_LICENSED_PRESCRIBER	A prescription is required and may be prescribed by any licensed prescriber.	
SPECIALIST_PRESCRIPTION_REQUIRED	Medical Device of pharmaceutical must be prescribed under the direction of a specialist authorised to prescribe the trade item.	

6.176. Preservation Technique Type Code

GS1 Code List	PreservationTechniqueTypeCode	
GS1 Code List Version	R1	
Managing Agency	GS1	
Based on Code List	n/a	
Type Of Management	n/a	
Code Value	Code Definition	
ACIDIFICATION	Dropping pH of food	
ALCOHOL_CURING	Treatment of food by adding alcohol in order to preserve the product	
ATTESTED_MILK	Raw Milk (without heat treatment)	
BOILING	Cooking	
BRINING	Water saturating or strongly impregnating with salt	
CANNING	Preserved in a sealed airtight container, usually made of tin-coated iron	
COLD_SMOKE_CURING	To smoke the food at between 70 degrees to 90 degrees F.	
CONSERVE	Keep from harm or damage	
DEHYDRATION	To remove water from food	
DRYING	Making with moisture having evaporated, drained away	
FERMENTATION	Any of a group of chemical reactions induced by living or nonliving ferments that split complex organic compounds into relatively simple	



	substance
FREEZE_DRYING	Preserving food by freezing and then drying in a vacuum
FREEZING	Turning into ice or another solid by cold
HIGH_TEMPERATURE_TREATED_MILK	Legally also pasteurisation, MHD for longer (about 2 to 3 weeks), ESL-milk
HOT_SMOKE_CURING	Hot-smoking partially or totally cooks the food by treating it at temperatures ranging from 100 degrees to 190 degrees F.
IONISATION	To convert into an ion or ions
IRRADIATION	Food irradiation is the process of exposing food to ionising radiation in order to disinfect, sterilise, or preserve food.
PASTEURISATION	Partially sterilisation by heating
QUICK_FREEZING	Freezing (food) rapidly so as to preserve its qualities
SALT_CURING	Preserving by using a salt brine
SOUS_VIDE	Low temperature long time cooking under vacuum
STERILISATION	A process that effectively kills or eliminates transmissible agents (such as fungi, bacteria, viruses, spore forms, etc.).
SUGAR_CURING	Treatment of food by adding sugar in order to preserve the product
ULTRA_HIGH_TEMPERATURE	Ultra heat treated (especially for milk)
UNDER_MODIFIED_ATMOSPHERE	Packed with a gas with protective proprieties
VACUUM_PACKED	Sealed after the partial removal of air

6.177. Price By Measure Type Code

GS1 Code List	PriceByMeasureTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
AREA	Priced by area defined typically as the extent of a two-dimensional surface or shape
COUNT	Priced by count
LENGTH	Priced by length
VOLUME	Priced by volume
WEIGHT	Priced by weight.



6.178. Price Comparison Content Type Code

GS1 Code List	PriceComparisonContentTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
DRAINED_WEIGHT	The weight of a product when all liquids used in the packaging of the product have been removed.
INCLUDING_ADDITIVES	Specified using millilitres, litres or fluid ounces of as unitOfMeasure (allows calculation of price per litre/pint drink including additives other than water).
PER_CUBIC_METRE	The Price Comparison Content specified may be used to calculate the price per cubic metre.
PER_DAILY_DOSE	Specified using PCE as unit of measure (price per daily dose).
PER_DOSE	Specified using pieces as unit of measure.
PER_KILOGRAM	Specified using gram or kilogram as unitOfMeasure (allows calculation of price per kilogram).
PER_LITRE	Specified using millilitre or litre as unitOfMeasure (allows calculation of price per litre).
PER_LOAD	Specified using pieces as unit of measure (allows calculation of price per load - used for washing up powder).
PER_METRE	Specified using metre as unitOfMeasure (allows calculation of price per metre).
PER_PIECE	Specified using pieces as unitOfMeasure (allows calculation of price per piece).
PER_PINT	Specified using fluid ounce as unitOfMeasure (allows calculation of price per pint)
PER_POUND	Specified using Ounce as unitOfMeasure (allows calculation of price per pound)
PER_SQUARE_METRE	The Price Comparison Content specified may be used to calculate the price per square metre.
PER_WASH	Specified using pieces as unitOfMeasure (allows calculation of price per wash - used for washing detergent).
PER_YARD	Specified using inches as unitOfMeasure (allows calculation of price per yard)
READY_TO_DRINK	Specified using millilitre or litre or fluid ounces as unitOfMeasure (allows calculation of price per litre/pint diluted drink).
READY_TO_EAT	Specified using grams, kilograms, or ounces as unitOfMeasure (allows calculation of price per kilogram/pound prepared food).



6.179. Prize Type Code

GS1 Code List	PrizeTypeCode	
GS1 Code List Version	R1	
Managing Agency	ONIX	
Based on Code List	n/a	
Type Of Management	External	
Code Value	Code Name	Code Definition
01	Winner	Not available
02	Runner-up	Named as being in second place
03	Commended	Not available
04	Short-listed	Nominated by the judging process to be one of the final 'short-list' from which the winner is selected
05	Long-listed	Nominated by the judging process to be one of the preliminary 'long-list' from which first a short-list and then the winner is selected
06	Joint winner	Co-winner

6.180. Product Activity Type Code

GS1 Code List	ProductActivityTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
ASSEMBLY	The place where product is assembled.
BOTTLING	The place in which the beverage is bottled.
CATCH_ZONE	The sea zone in which the seafood in the trade item was caught.
FARMING	The cultivation of animals, plants, fungi, and other life forms
LAST_PROCESSING	The place where the trade item or ingredient was last processed and tested before importation.



6.181. Product Genre Type Code (Electronic Games)

GS1 Code List	ProductGenreTypeCode (Electronic Games)
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
ACTION	Games are characterized by game play with emphasis on combat.
ADULT	Games intended for an adult audience.
ADVENTURE	Games which cast the player as the protagonist of a story, normally requiring the player to solve various puzzles by interacting with people or the environment, most often in a non-confrontational way.
EDUCATIONAL	Games that attempt to teach the user using the game as a vehicle.
FIGHTING	Games where players face off against each other or against computer-controlled characters in close combat.
MUSIC	Games that challenge the player to follow sequences of movement or develop specific rhythms.
OTHER	Product genre that is a categorization other than the specific genres listed on this code list.
PUZZLE	Games that require the player to solve logic puzzles or even navigate complex locations such as mazes.
RACING	Games that place the player in the driver's seat of a high-performance vehicle and require the player to race against other drivers or sometimes just time.
ROLE_PLAYING	Games that have the player acting in the role of a specific type of "adventurer" or "adventurers" who specializes in a certain set of skills (such as combat, or casting magic spells) while moving through a linear predetermined storyline.
SHOOTER	Games that emphasize shooting and armed combat.
SIMULATION	Games that aim to simulate an experience, such as flying an aircraft, as realistically as practically possible, taking into account physics and other real-world limitations.
SPORTS	Games that emulate the playing of traditional physical sports. Some emphasize actually playing the sport, while others emphasize the strategy behind the sport.
STRATEGY	Games that require careful and skilful thinking and planning in order to achieve victory.
TRADITIONAL	Games that are based on popular board games or card games.
WRESTLING	Fighting games based on the sport of wrestling.



6.182. Product Genre Type Code (Film)

GS1 Code List	ProductGenreTypeCode (Film)
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
ACTION	A film genre where one or more characters face a series of challenges that require physical feats, extended fights and frenetic chases.
ACTION_DRAMA	Combination of action film and a drama.
ACTION_ADVENTURE	Combination of action film and adventure.
ACTION_COMEDY	Combination of action and comedy.
ACTION_THRILLER	Combination of action and thriller.
ADULT	Film targeted towards adults only containing mature material.
ADULT_ANIME	Animation that is targeted at adults.
ADVENTURE	A film including action scenes exploring exotic locations in an energetic way.
ANIME	An animated genre originating in Japan.
ANIMATION	The rapid display of a sequence of images of artwork in order to create an illusion of movement.
ANIMATED_COMEDY	Animated comedy.
BLACK_COMEDY	A comic work that employs dark humour.
BIOPIC_DRAMA	Not Available
CHILDREN	A genre targeted at younger children.
CINE_LATINO	Not Available
CLASSICS	Older films.
COMEDY	A genre of film in which the main emphasis is on humor. They are designed to elicit laughter from the audience.
CRIME	Films which focus on the lives of criminals. The stylistic approach to a crime film varies from realistic portrayals of real-life criminal figures, to the far-fetched evil doings of imaginary arch-villains
CRIME_ACTION	Combination of crime and action film.
DARK_COMEDY	A comic work that employs dark humour.
DOCUMENTARY	Nonfictional motion pictures intended to document some aspect of reality, primarily for the purposes of instruction or maintaining a historical record.
DRAMA	A film genre that depends mostly on in-depth development of realistic characters dealing with emotional themes.
DRAMA_COMEDY	A genre of theatre, film, and television that combines elements of comedy and drama, having both humorous and serious content

DRAMA_ROMANCE	Combination of drama and romance.
EROTIC_THRILLER	A film and literary sub-genre which consists of a mixture between erotica and thriller.
FINE_ART_FOREIGN	Not Available
FAMILY	A film genre that is designed to appeal to a variety of age groups and, thus, families.
FANTASY_SCI_FI	Fantasy combined with science fiction.
GAY_LESBIAN_CINEMA	Material targeted towards a gay/lesbian audience.
GAY_LESBIAN_ADULT	Mature material targeted towards a gay/lesbian audience.
HOBBIES_COOKING_CRAFT_REPAIR	Special interest material concerning hobbies, creating crafts, cooking and repair.
HORROR	A movie genre playing on the audience's fears.
HEALTH_FITNESS	Special interest material concerning health and fitness.
INSTRUCTIONAL	Educational films on a variety of subjects.
MARTIAL_ARTS	A sub-genre of the action film, martial arts films contain numerous fights between characters.
MATURE	A genre targeted to mature audiences only.
MISCELLANEOUS	Not Available
MUSICAL	A film genre in which songs sung by the characters are interwoven into the narrative, sometimes accompanied by dancing.
MYSTERY	A sub-genre of the more general category of crime film and at times the thriller genre.
MUSIC_VIDEO	A short film integrating a song and imagery, produced for promotional or artistic purposes.
POLITICAL_DRAMA	A play, film or TV program that has a political component, whether reflecting the author's political opinion, or describing a politician or series of political events.
RELIGIOUS	Film focusing on religious materials.
ROMANTIC_COMEDY	Films with humorous plots centered on romantic ideals.
ROMANCE	Love stories that focus on passion, emotion, and the affectionate involvement of the main characters and the journey that their love takes through courtship or marriage.
ROMANTIC_DRAMA	Love stories combined with dramatic elements.
SCI_FI	A film genre that uses science fiction: speculative, science-based depictions of phenomena that are not necessarily accepted by mainstream science, such as extraterrestrial life forms, alien worlds, extrasensory perception, and time travel, often along with futuristic elements such as spacecraft, robots, cyborgs, interstellar space travel or other technologies.
SCI_FI_ACTION	Science fiction combined with action.
SCI_FI_ADVENTURE	Science fiction combined with adventure.
SCI_FI_COMEDY	Science fiction combined with comedy.
SCI_FI_HORROR	Science fiction combined with horror.
SPECIAL_INTEREST	Not Available



SPORTS_GAMES	Not Available
SPY_THRILLER_DRAMA	Thriller focusing on spys.
SUSPENSE	Films that use suspense, tension and excitement as the main elements
SUSPENSE_THRILLER	Combination of suspense and thriller.
TELEVISION	A feature film that is a television program produced for and originally distributed by a television network, in contrast to many films explicitly made for showing in movie theaters.
THRILLER	A broad genre of film that uses suspense, tension and excitement as the main elements.
TRAVEL	Film about travel.
URBAN_MUSICAL	Musical taking place in a urban environment.
URBAN_WESTERN	Not Available
WAR_DRAMA	Drama set in the environment of an armed conflict.
WESTERN	Films set in the American West that reference the spirit, the struggle of the new frontier.

6.183. Product Genre Type Code (Music)

GS1 Code List	ProductGenreTypeCode (Music)
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
ADULT_CONTEMPORARY	A broad style of popular music ranging from lush vocal music to ballads with varying degrees of rock influence.
BLUES	A musical form is characterized by specific chord progressions, of which the twelve-bar blues chord progression is the most common.
CHILDREN	Music targeted to early childhood audiences.
CHRISTMAS	A genre of music normally performed or heard around the Christmas season
CLASSICAL	Music produced in, or rooted in, the traditions of western liturgical and secular music.
COUNTRY	An American musical style that began in the rural Southern United States in the 1920s.
DANCE_ELECTRONICA	Also known as Techno. A style of Electronic music that originated in the early-to-mid-1990s in multiple locations including Rotterdam, New York City and Newcastle, Australia. The style is typified by a fast tempo (160-300 beats per minute and up) and the rhythmic use of distorted and atonal industrial-like beats and samples.
ETHNIC	Music originating among the common people of a nation or region.
FOLK	An English term encompassing both traditional and contemporary folk music. The term originated in the 19th century but is often applied to music that is older than that. Traditional folk music has been defined in several ways: as music transmitted by mouth, as music of the lower

	classes, and as music with unknown composers. It has been contrasted with commercial and classical styles. This music is also referred to as traditional music and, in US, as "roots music".
HARD_ROCK	A form of loud, aggressive rock music
HIP_HOP_RAP	Hip hop music, also known as rap music, is a style of music which came into existence in the United States during the mid-1970s, and became a large part of modern pop culture during the 1980s. It consists of two main components: rapping (MCing) and DJing (production and scratching).
INSTRUMENTAL	A musical recording without lyrics or singing.
JAZZ	A musical style that originated at the beginning of the 20th century in African American communities in the Southern United States.
LATIN	A series of musical styles and genres that mixes influences from Spanish, African and Native Latin American sources
LATIN_POP	Pop music with latin elements.
MEXICAN	Traditional music from Mexico.
NEW_AGE	Music of various styles intended to create artistic inspiration, relaxation, and optimism.
ORIGINAL_CAST_SOUNDTRACKS	Music as they were performed in the show and experienced by the audience and features the voices of the show's original cast.
REGGAE	Music most easily recognized by the rhythmic accents on the off-beat, usually played by guitar or piano (or both), known as the <i>skank</i> .
RELIGIOUS	Music performed or composed for religious use or through religious influence.
RHYTHM_BLUES	Rhythm and Blues (also known as R&B or RnB) is a popular music genre combining jazz, gospel, and blues influences, first performed by African American artists.
SEASONAL	Music associated with religious or other holidays.
SOFT_ROCK	A style of music which uses the techniques of rock music (often combined with elements from folk rock and singer-songwriter pop) to compose a softer, more toned-down sound.
SPOKEN_WORD	A form of poetry that often uses alliterated prose or verse and occasionally uses metered verse to express social commentary
TEJANO	The name given to various forms of folk and popular music originating among the Mexican-American populations of Central and Southern Texas
TROPICAL	A broad term for vocal and instrumental music with "tropical" flavor usually associated with the Afro-Caribbean music.
URBAN	Not Available



6.184. Product Yield Type Code

GS1 Code List	ProductYieldTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
AFTER_COOKING	Weight or volume of food product after it has been prepared.
AFTER_DILUTION	Volume of food product after a fluid has been added.
DRAINED_WEIGHT	Weight of food product after the fluid in which the food product was preserved has been removed.
UNSPECIFIED	Product yield type is unknown or irrelevant.

6.185. Promotion Type Code

GS1 Code List	PromotionTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
BONUS_PACK	The free quantity promotional trade item contains free additional quantities. The additional quantity is written on the package as free.
FREE_COMPONENTS	It contains free included components or material. The price is lower since the trade item includes a part of its content free. The free quantity is written on the package.
FREE_GIFT_ATTACHED	A free object linked to the consumer trade item (not a sample) for example a free glass, or a free recipe book.
FREE_QUANTITY	It contains free quantity, a "special offer" sticker on the package indicates the promotional offer but the free quantity is not written on the package. If the free quantity promotional offer results in a change of GTIN and the quantity of product is the same as the standard trade item, it qualifies as a free quantity promotional trade item. The linkage has to be provided.
MULTI_PACK_AND_COMBINATI ON_PACK	It is a promotional grouping with included free quantity. The grouping is created for promotional activities only. In the grouping a part of the quantity is free.
SAMPLE	A product that is not the product contained in the standard trade item but given together with the product of the standard trade item for free. This added product is contained in the package of the standard trade item or attached to it.
SPECIAL_PACKAGING	A new presentation for the consumer trade item for a promotion decided by the brand owner. It could be a special tin box to package the consumer trade item.



6.186. Proof of Optimized Packaging Weight Standard Code

GS1 Code List	ProofOfOptimizedPackagingWeightStandardCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
EN13428	The CEN (the European Committee for Standardization) standard on reusable packaging
EN13428_ISO18602	Both EN13428 and ISO18602.
ISO18602	ISO standards in the field of packaging and the environment
OTHER	Code value not available in code list.

6.187. Proof of Packaging Weight Reduction Standard Code

GS1 Code List	ProofOfPackagingWeightReductionStandardCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
EN13428	The CEN (the European Committee for Standardization) standard on reusable packaging
EN13428_ISO18602	Both EN13428 and ISO18602.
ISO18602	ISO standards in the field of packaging and the environment
OTHER	Code value not available in code list.

6.188. Protective Equipment Body Area Code

GS1 Code List	ProtectiveEquipmentBodyAreaCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
EYE	Protection of eyes.
FEET	Protection of feet.
HANDS	Protection of hands
OTHER	Other area not on this list.
RESPIRATORY	Protection of airways, lungs and respiratory muscles.
SKIN	Protection of skin.



6.189. Rating Content Descriptor Code (ESRB)

GS1 Code List	RatingContentDescriptorCode (ESRB)
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
ALCOHOL_REFERENCE	Reference to and/or images of alcoholic beverages.
ANIMATED_BLOOD	Discoloured and/or unrealistic depictions of blood.
BLOOD	Depictions of blood.
BLOOD_AND_GORE	Depictions of blood and mutilated body parts.
CARTOON_VIOLENCE	Violent actions involving cartoon-like situations and characters. May include violence where a character is unharmed after the action has been inflicted.
COMIC_MISCHIEF	Depictions or dialogue involving slapstick or suggestive humour.
CRUDE_HUMOR	Depictions or dialogue involving vulgar antics, including "bathroom" humour.
DRUG_REFERENCE	Reference to and/or images of illegal drugs.
EDUTAINMENT	Content of product provides user with specific skills development or reinforcement learning within an entertainment setting. Skill development is an integral part of the product.
FANTASY_VIOLENCE	Violent actions of a fantasy nature, involving human or non-human characters in situations easily distinguishable from real life.
INFORMATIONAL	Overall content of product contains data, facts, resource information, reference materials or instructional text.
INTENSE_VIOLENCE	Graphic and realistic-looking depictions of physical conflict. May involve extreme and/or realistic blood, gore, weapons, and depictions of human injury and death.
LANGUAGE	Mild to moderate use of profanity.
LYRICS	Mild references to profanity, sexuality, violence, alcohol, or drug use in music.
MATURE_HUMOR	Depictions or dialogue involving "adult" humour, including sexual references.
MILD_VIOLENCE	Mild scenes depicting characters in unsafe and/or violent situations.
NUDITY	Graphic or prolonged depictions of nudity.
PARTIAL_NUDITY	Brief and/or mild depictions of nudity.
REAL_GAMBLING	Player can gamble, including betting or wagering real cash or currency.
SEXUAL_THEMES	Mild to moderate sexual references and/or depictions. May include partial nudity.
SEXUAL_VIOLENCE	Depictions of rape or other sexual acts.
SIMULATED_GAMBLING	Player can gamble without betting or wagering real cash or currency.
SOME_ADULT_ASSISTANCE_MAY_BE_NEEDED	Intended for very young ages.
STRONG_LANGUAGE	Explicit and/or frequent use of profanity.
STRONG_LYRICS	Explicit and/or frequent references to profanity, sex, violence, alcohol, or drug

	use in music.
STRONG_SEXUAL_CONTENT	Graphic references to and/or depictions of sexual behaviour, possibly including nudity.
SUGGESTIVE_THEMES	Mild provocative references or materials.
TOBACCO_REFERENCE	Reference to and/or images of tobacco products.
USE_OF_DRUGS	The consumption or use of illegal drugs.
USE_OF_ALCOHOL	The consumption of alcoholic beverages.
USE_OF_TOBACCO	The consumption of tobacco products.
VIOLENCE	Scenes involving aggressive conflict.

6.190. Rating Content Descriptor Code (PEGI)

GS1 Code List	RatingContentDescriptorCode (PEGI)
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
BAD_LANGUAGE	Bad Language: Game contains bad language including mild swearing or offensive language in games rated 12, or blasphemy and sexual expletives in games rated 16 or 18
DISCRIMINATION	Discrimination Game: Contains depictions of /or material which may encourage discrimination. Games rated 18 containing depictions of ethnic, religious, nationalistic of other stereotypes that could encourage hatred.
DRUGS	Drugs Game: Definition: refers to or depicts the use of drugs encourages the use of tobacco or alcohol in games rated 16 or depict illegal drugs in 18-rated titles
FEAR	Fear Game: May be frightening or scary for young children contains images or sounds that could be frightening to young children
GAMBLING	Gambling: Definition: Game that encourages or teaches gambling games rated 12, 16 or 18 that may encourage or teach gambling for money normally played in casinos, gambling halls, racetracks, etc.
ONLINE	Online Game: Game can be played online with or against other players.
SEX	Sex Game: Depicts nudity and/or sexual behaviour or sexual references ranging from obvious sexual innuendo to explicit images of sexual activity.
VIOLENCE	Game contains depictions of violence ranging from cartoon-style or slapstick violence to more realistic-looking violence or blood and gore.



6.191. Rating Content Descriptors Code (Film)

GS1 Code List	RatingContentDescriptorCode (Film)
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
AH	Adult Humour
AL	Adult Language
AS	Adult Situations
BN	Brief Nudity
CC	Child classic
DC	Drug Content
EC	Excellent for Children
G	Gore
GV	Graphic Violence
MV	Mild Violence
N	Nudity
NC	Not for Children
OK	Okay for Children
P	Profanity
QC	Questionable for Children
SA	Substance Abuse (Alcohol, Drugs)
SC	Strong Sexual Content
SS	Sexual Situations
SV	Sexual Violence
V	Violence

6.192. Rating Content Descriptor Code (Music)

GS1 Code List	RatingContentDescriptorCode (Music)
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
EL	Explicit Lyrics



6.193. Recommended Consumer Pickup Area Code

GS1 Code List	RecommendedConsumerPickupAreaCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
SELF_SERVICE	The product should be placed in an area where the consumer can self serve themselves to their purchase needs. The product may have been portioned
SERVICE_COUNTER	The product is recommended to be placed at a location where an employee from the trading partner will need to portion

6.194. Recommended Status Code

GS1 Code List	RecommendedStatusCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
NOT_REQUIRED	Protective equipment is not required.
RECOMMENDED	It is advised that protective equipment should be worn.
REQUIRED	Protective equipment must be worn.

6.195. Referenced File Type Code

GS1 Code List	ReferencedFileTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
AUDIO	Link to a file containing an audio clip which is relevant to the product. Examples are commercials, or instructional/ how to use audio files.
CERTIFICATION	Document which contains a special certification by a third party (e.g. International Food Standard [IFS], QS-Approval Mark for meat product, sausage, fruit, vegetables and potatoes or bio audits).
CHEMICAL_ASSESSMENT_SUMMARY	Link to a file containing the chemical ingredient information sent to the supplier from a third party as a result of the assessment.
CHEMICAL_SAFETY_REPORT	Link to the file containing a report detailing the risks arising from the manufacture and/or use of a substance and to ensure that they are



	adequately controlled.
CHILD_NUTRITION_LABEL	Link to a file containing the Child Nutrition Label as formatted according to regulations and rules of an appropriate regulatory body for the target market.
CONSUMER_HANDLING_AND_STORAGE	Link to a website, file, or image containing the manufacturer's recommendations for how the consumer or end user should store and handle the product.
DIET_CERTIFICATE	Link to a website or file containing a diet certificate granted to the product
DOCUMENT	Link to a document or text file containing product information. Examples of this type could be an instruction manual, assembly guide, or warranty document.
GROUP_CHARACTERISTIC_SHEET	Definition not available.
HAZARDOUS_SUBSTANCES_DATA	Link to a file where to locate the 'out of network data' additional data concerning the control of substances can be found.
IFU	Link to a file containing the Instructions For Use (IFU). This type of file is primarily used in conjunction with ingestible products, regardless of species.
LOGO	Link to a file containing the Manufacturer or Brand Logo(s) associated with the product.
MARKETING_INFORMATION	Link to a file with product information associated with selling a product or service.
MOBILE_DEVICE_IMAGE	Trade Item image that represents the image the manufacturer supplies to the consumer for mobile device applications
OTHER_EXTERNAL_INFORMATION	Link to a file containing product information of an unspecified type.
OUT_OF_PACKAGE_IMAGE	Link to an image of an item out of its packaging and, if necessary, assembled ready for use by the end user. This type of file is subject the current version of the GDSN Product Image Specification Standard.
PLANOGRAM	Link to a file illustrating how and where retail products should be displayed.
PRODUCT_FORMULATION_STATEMENT	Link to a file containing the Product Formulation Statement, in lieu of a Child Nutrition Label, as formatted according to regulations and rules of an appropriate regulatory body for the target market.
PRODUCT_IMAGE	Link to a file containing a visual representation of the product.
PRODUCT_WEBSITE	Link to a website containing product specific information. Examples of this could be a link to a website dedicated to the product or a link to the area within the manufacturer or brand owner website that contains the product information
PRODUCT_LABEL_IMAGE	Link to a file containing a visual representation of the product label.
QUALITY_CONTROL_PLAN	Document which detailed information about the quantity of laboratory/analytical tests and the evaluated parameters.
RECIPE_WEBSITE	Link to a website containing recipes associated with the product
REGULATORY_INSPECTION_AUDIT	Inspection report of the inspections. For example foodstuffs, pharmaceuticals and other types of products that are regulated.
RISK_ANALYSIS_DOCUMENT	Document which describes how the supplier assured the quality control of the end products or during the production process. The process can be a supplier internal control system, a simple kind of risk analysis or systematic preventive approach according Hazard Analysis and Critical Control Points (HACCP).
SAFETY_DATA_SHEET	Link to a file containing the product's Safety Data Sheet (SDS). This file can be either an image or a document



SAFETY_SUMMARY_SHEET	A link to a summary sheet document that is available to workers to understand how to deal with chemicals in an emergency situation.
SAMPLE_SHIPPING_ORDER	Document is a sample shipping order. A sample shipping order isn't needed for every item (GTIN), but a shipping order can differ from GTIN to GTIN. E.g. in case an item is an organic product the sample shipping order needs to contain the organic product origin number according article 31 of the implementing regulations EG Nr. 889/2008. For non-organic items this information isn't needed.
TESTING_METHODODOLOGY_RESULTS	Document which contains microbiological and physico-chemical findings of the product which are observed during product testing.
TRADE_ITEM_DESCRIPTION	Identifies the reference to an external description of a Trade Item. The link (e.g. URL) to the external description. will be in the appropriate attribute
VIDEO	Link to a file containing a video clip which is relevant to the product. Examples are commercials, trailers, or instructional/ how to use video files.
WARRANTY_INFORMATION	Link to a file with information associated with any guarantee given by a company stating that a product is reliable and free from known defects and that the seller will, without charge, repair or replace defective parts within a given time limit and under certain conditions.
WEBSITE	Link to a website containing product or manufacturer information.

6.196. Referenced Trade Item Type Code

GS1 Code List	ReferencedTradeItemTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
DEPENDENT_PROPRIETARY	Dependent trade items are Trade Items which may be required or which may be used in conjunction with the current trade item to make the current trade item functional.
EQUIVALENT	A product which can be substituted for the trade item based on supplier-defined functional equivalence to the trade item.
ITEM_VARIANT_MASTER	Another trade item of which this trade item is a variant. Used when the trade item is a variant of a previously specified trade item for example a new flavour of an existing soft drink. This reference may be used when the trade item has identical package type, physical dimensions and brand name as the itemVariantMaster trade item. This attribute only creates a logical link to a similar product. It is not used to negate the need for sending all item information about this product.
PREFERRED	A GTIN identification assigned by the manufacturer for the purpose of grouping multiple versions of the same title (e.g. limited edition, etc.).
PRIMARY_ALTERNATE	A Trade Item that is similar to the current Trade Item but is not exact match. Same form fit function, e.g. same product different colour, different package size, better quality.
REPLACED_BY	The trade item which permanently replaces the current trade item. This Trade Item is sent in the record for the original item that is being replaced.



REPLACED	Indicates the trade item identification of an item that is being permanently replaced by this trade item.
SUBSTITUTED_BY	The trade item that is temporarily replacing the original GTIN. This attribute is used on the original trade item.
SUBSTITUTED	The original trade item that is temporarily being replaced. This attribute is used with the replacement trade item.

6.197. Regulation Type Code

GS1 Code List	RegulationTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
ANIMAL_ID_HEALTH_MARK	Food business operators, in accordance with Regulation (EC) No 853/2004, should ensure that all products of animal origin that they place on the market, bear either a health mark or an identification mark.
COMPLIANT_WITH_FAIR_LABOR_STANDARDS_ACT	The FLSA established a national minimum wage guaranteed 'time-and-a-half' for overtime in certain jobs, and prohibited most employment of minors in "oppressive child labor," a term that is defined in the statute. It applies to employees engaged in interstate commerce or employed by an enterprise engaged in commerce or in the production of goods for commerce, unless the employer can claim an exemption from coverage.
COMPLIANT_WITH_FLAMMABILITY_ACT	Definition not available.
COMPLIANT_WITH_FUR_PRODUCT_LABELING_ACT	Requires the country of origin of imported furs to be disclosed on all labels and in all advertising
COMPLIANT_WITH_STATE_ENVIRONMENT_REQUIREMENTS	Definition not available.
COMPLIANT_WITH_TEXTILE_FIBER_PRODUCT_IDENTIFICATION	A US regulation regarding the advertising and labelling of textile fibre products.
COMPLIANT_WITH_WOOL_PRODUCTS_LABELING_ACT	A US regulation that requires anyone who manufacturers or sells products containing wool to accurately label each item with the fibre content and origin
VOLATILE_ORGANIC_COMPOUND_COMPLIANT	Organic chemicals that have a high vapour pressure at ordinary, room-temperature conditions. Their high vapour pressure results from a low boiling point, which causes large numbers of molecules to evaporate or sublime from the liquid or solid form of the compound and enter the surrounding air



6.198. Remote Control Type Code

GS1 Code List	RemoteControlTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
EARPHONE	A source of sound output that controls the unit by means of an in-line remote control.
NOT_APPLICABLE	A statement that an affirmative or negative response is not required for the attribute.
OTHER	Value other than the standard values for the list.
STANDARD_SINGLE_DEVICE	A remote control that operates a single device, usually the one it came with.
UNIVERSAL_REMOTE	A remote control that can be programmed to operate various brands of one or more types of consumer electronics devices.

6.199. Rennet Type Code

GS1 Code List	RennetTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
ANIMAL_RENNET	Rennet derived from animals.
MICROBIAL_RENNET	Rennet derived from mold able to produce proteolytic enzymes.
NO_RENNET	No Rennet
VEGETABLE_RENNET	Rennet derived from vegetable.

6.200. Right Of Return For Non Sold Trade Item Code

GS1 Code List	RightOfReturnForNonSoldTradeItemCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
CALL_FOR_AUTHORIZATION	A call to a trading partner is required to obtain authorization to disposition defective, damaged, or otherwise non-saleable goods.
DESTROY_FOR_CREDIT	Trading partner documents and subsequently destroys defective, damaged,



	or otherwise non-saleable goods and is issued a credit for the material by the other trading partner.
DESTROY_NO_CREDIT	Indicates that in case a product is damaged, defective, or not-sellable it can be returned to the supplier. The supplier will then destroy the item and doesn't give the consumer any money back (i.e.: an old copier).
FULL	The manufacturer has indicated the return policy can be for a full shipment of the merchandise received by the retailer.
HOLD_FOR_INSPECTION	Defective, damaged, or otherwise non-saleable goods are held for inspection and verification by a trading partner prior to the issuance of credit for the material.
NO_POLICY	There is no effective policy regarding the disposal of defective, damage and non-saleable goods
PARTIAL	The manufacturer has indicated the return policy can only be for a partial shipment of the merchandise received by the retailer.
RETURN_FOR_CREDIT	Defective, damaged, or otherwise non-saleable goods are physically returned by a trading partner prior to the issuance of credit for the material.

6.201. ROHS Compliance Failure Material Code

GS1 Code List	ROHSComplianceFailureMaterialCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
CADMIUM	A malleable ductile toxic divalent metallic element used in such products as batteries, pigments, and protective platings.
HC	Hexavalent Chromium
LEAD	A soft malleable ductile plastic but inelastic heavy metallic element used in such products as pipes, cable sheaths, batteries, solder.
MERCURY	A silvery-white poisonous metallic element, liquid at room temperature and used in such products as thermometers, barometers, vapour lamps, and batteries
PBB	Polybrominated Biphenyls
PBDE	Polybrominated Diphenyl Ethers



6.202. Route of Exposure Code

GS1 Code List	RouteOfExposureCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
DERMAL	Exposure by application to the skin.
INHALATION	Exposure by breathing.
ORAL	Exposure by eating or drinking

6.203. Run Mode Code

GS1 Code List	RunModeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
DOWNLOAD_ACQUISITION	The product is connected to a power source, produces neither sound nor a picture, and is downloading information and/or otherwise communicating with a connected device through a network protocol.
IDLE	A low power mode for electronic devices such as computers and televisions. Note: this mode is similar to standby.
OFF	Product is not fulfilling any function nor is it in standby mode.
ON	Product is fulfilling its primary function.
SLEEP	A low power mode for electronic devices such as computers and televisions. Note: this mode is similar to standby.
STANDBY	Product is not fulfill its primary function but still uses some electrical power.

6.204. SDS Standard Code

GS1 Code List	SDSStandardCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
ANSI	American National Standards Institute



GHS	Globally Harmonized System of Classification and Labelling of Chemicals
OSHA	Occupational Safety and Health Administration
OTHER	Any other MSDS or SDS standard not specifically included in this list.
RETAILER_REQUESTED	This is the guideline being developed as part of the GS1 Chemical Ingredients Initiative.

6.205. Season Parameter Code

GS1 Code List	SeasonParameterCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
ALL_YEAR	For trade items that are not seasonal in nature and apply to all selling seasons.
AUTUMN	For trade items that are seasonal in nature and apply to both the Autumn selling season.
AUTUMN_WINTER	For trade items that are seasonal in nature and apply to both the Autumn and Winter selling seasons.
SPRING	For trade items that are seasonal in nature and apply to the Spring selling season.
SPRING_SUMMER	For trade items that are seasonal in nature and apply to both the Spring and Summer selling seasons.
SUMMER	For trade items that are seasonal in nature and apply to Summer selling season.
WINTER	For trade items that are seasonal in nature and apply to the Winter selling seasons.

6.206. Security Tag Location Code

GS1 Code List	SecurityTagLocationCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
CONCEALED_INSIDE_THE_TRADE_ITEM	Tag is hidden within the trade item.
INTEGRATED_INSIDE_OF_TRADE_ITEM	Tag is inside of trade item but not hidden.
LOCATION_UNSPECIFIED	The trade item has an EAS tag but the specific location is unknown.
ON_OUTSIDE_OF_TRADE_ITEM	Not Available



6.207. Security Tag Type Code

GS1 Code List	SecurityTagTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
ACOUSTO_MAGNETIC_EAS_TAG	Electronic article surveillance tag made of a strip of magnetostrictive, ferromagnetic amorphous metal and a magnetically semi-hard metallic strip.
ELECTRO_MAGNETIC_EAS_TAG	Electronic article surveillance tag made of a strip of amorphous metal (metglas) which has a very low magnetic saturation value.
INK_OR_DYE_EAS_TAG	Electronic article surveillance tag which use ink or dye as a theft deterrent.
MICROWAVE_EAS_TAG	Electronic article surveillance tag made of a non-linear element (a diode) coupled to one microwave and one electrostatic antenna.
RADIO_FREQUENCY_EAS_TAG	Electronic article surveillance tag using an LC tank circuit.

6.208. Serial Number Location Code

GS1 Code List	SerialNumberLocationCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
MARKED_ON_PACKAGING	Serial number is on the trade item's packaging.
MARKED_ON_PACKAGING_INSERT	Serial number is on the trade item's packaging insert.
MARKED_ON_TRADE_ITEM	Serial number is on the trade item.
NOT_MARKED	The trade item or its packaging is not marked
UNKNOWN	Unknown location of marking.

6.209. Signal Processing Type Code

GS1 Code List	SignalProcessingTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
ANALOGUE	Encodes television picture and sound information and transmits it as an analogue signal.



EDTV_INTEGRATED	Formats that deliver a picture that is superior to that of standard-definition television (SDTV), but not as detailed as high-definition television (HDTV).
EDTV_READY	Formats that deliver a picture that is superior to that of standard-definition television (SDTV), but not as detailed as high-definition television (HDTV). . Ready means ready to use with EDTV sources.
HDTV_INTEGRATED	A digital television broadcasting system with higher resolution than traditional television systems.
HDTV_READY	A digital television broadcasting system with higher resolution than traditional television systems. . Ready means ready to use with high definition sources.
SDTV_INTEGRATED	Television systems that have a resolution that meets standards but not considered either enhanced definition or high definition.
SDTV_READY	Television systems that have a resolution that meets standards but not considered either enhanced definition or high definition. Ready means ready to use with SDTV sources.
NOT_APPLICABLE	A statement that an affirmative or negative response is not required for the attribute

6.210. Size Group Code

GS1 Code List	SizeGroupCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	
Type Of Management	n/a
Code Value	Code Definition
BOYS	Clothing size for male children.
GIRLS	Clothing size for female children.
INFANTS	Clothing size for infants.
JUNIORS	Clothing size typically for teenagers.
MATERNITY	Clothing size for
MENS	Clothing size for adult males.
MENS_TALL	Clothing size for adult males of above average height.
MISSES	Clothing size for women typically greater than Juniors.
PETITE	A standard clothing size designed to fit women of shorter height.
WOMENS	Clothing size for adult females.
WOMENS_TALL	Clothing size for adult females of above average height.



6.211. Size System Code

GS1 Code List	SizeSystemCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	
Type Of Management	n/a
Code Value	Code Definition
AUSTRALIA	The Australian size system.
CONTINENTAL	The Continental European size system.
EUROPE	The European size system.
JAPAN	The Japanese size system.
MEXICO	The Mexican size system.
UK	The United Kingdom size system.
US	The United States size system.

6.212. Size Type Code

GS1 Code List	SizeTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	
Type Of Management	n/a
Code Value	Code Definition
BACK	Definition not available.
CHEST_BUST	The measurement around the widest part of the chest/bust.
COLLAR	Definition not available.
CUP	Definition not available.
HIPS	The measurement around the fullest part of the hips.
INSEAM	Definition not available.
LENGTH	Definition not available.
ONE_DIMENSION	Definition not available.
OUTSIDE_LEG	The measurement of the outside leg seam. This is the distance from the waist to the bottom of the trousers.
SLEEVE	Definition not available.
WAIST	Definition not available.
WIDTH	Definition not available.



6.213. Source Animal Code

GS1 Code List	SourceAnimalCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
ALLIGATOR	A crocodilian in the genus Alligator of the family Alligatoridae.
ASS	A domesticated member of the horse family.
BEAR	Mammals of the family Ursidae.
BEEF_COW	Cattle raised principally for meat production, other uses include leather and products used in shampoo and cosmetics.
BOAR	A wild relative of the domestic pig.
BUFFALO	A large bovine animal, frequently used as livestock.
CALF	A general term for a juvenile member of any species of domestic cattle which is intentionally raised to be processed at a young age.
CAMEL	Even-toed ungulates within the genus Camelus.
CHICKEN	A domesticated fowl.
COCKEREL	A male chicken.
COW	A domesticated member of the subfamily Bovinae.
CROCODILE	Any species belonging to the family Crocodylidae.
DEER	Ruminant mammals forming the family Cervidae.
DOG	A domesticated form of the Wolf, a member of the Canidae family of the order Carnivora.
DUCK	Aquatic birds, mostly smaller than the swans and geese, and may be found in both fresh water and sea water.
DUCKLING	A young duck.
FISH	Fresh or sea water fish.
FOWL	Non-domesticated birds in general but usually refers to birds belonging to one of two biological orders, namely the gamefowl or landfowl and the waterfowl.
FROG	Amphibians in the order Anura.
GOAT	A member of the Bovidae family and is closely related to the sheep
GOOSE	A bird belonging to the family Anatidae
GROUSE	A group of birds from the order Galliformes.



GUINEAFOWL	A family of birds in the Galliformes order
HARE	Leporidaes belonging to the genus Lepus.
HORSE	A hoofed (ungulate) mammal, a subspecies of one of seven extant species of the family Equidae.
INVERTEBRATE	Fresh or sea water invertebrate.
LAMB	A young domestic sheep.
LAND_SNAIL	A member of the molluscan class Gastropoda that have coiled shells in the adult stage and live on land.
MILK_COW	Also referred to Milk Cattle, this cow is bred to produce large quantities of Milk, from which dairy products are made.
MOOSE	The largest extant species in the deer family.
OSTRICH	Large flightless bird native to Africa.
OTHER	Other animal not specified on this list.
PARTRIDGE	Medium-sized birds, intermediate between the larger pheasants and the smaller quails.
PHEASANT	A bird in the subfamily of Phasianidae in the order Galliformes.
PIGEON	A bird in the family Columbidae.
PORK	Meat from the domestic pig
POUSSIN	A young chicken, less than 28 days old at slaughter
QUAIL	Several genus of mid-sized birds in the pheasant family.
RABBIT	Small mammals in the family Leporidae of the order Lagomorpha.
RAT	Rats are various medium-sized, long-tailed rodents of the superfamily Muroidea.
REINDEER	An Arctic and Subarctic-dwelling deer, widespread and numerous across the Arctic and Subarctic.
ROE_DEER	A deer species of Europe, Asia Minor, and Caspian coastal regions.
SHEEP	Small ruminants, usually with a crimped hair called wool and often with horns forming a lateral spiral.
SHELLFISH	A fresh or sea water animal, such as a mollusk or crustacean, that has a shell or shell-like exoskeleton.
SNAKE	Elongate legless carnivorous reptiles of the suborder Serpentes.
SNIFE	Any of nearly 20 wading bird species in three genera in the family Scolopacidae.
SPARROW	Small passerine birds in the family Passeridae.
THRUSH	Plump, soft-plumaged, small to medium-sized passerine birds.
TURKEY	A large bird in the genus Meleagris.



TURTLE	Reptiles characterised by a special bony or cartilaginous shell developed from their ribs that acts as a shield.
WOODCOCK	The woodcocks are a group of seven or eight very similar living species of wading birds in the genus Scolopax.
YAK	A long-haired bovine found throughout the Himalayan region of south Central Asia, the Tibetan Plateau and as far north as Mongolia.

6.214. Source Certification System Protocol Code

GS1 Code List	SourceCertificationSystemProtocolCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
AMERICAN_TREE_FARM_SYSTEM	The American Tree Farm System organizations that certify paper packaging
CANADIAN_STANDARDS_ASSOCIATION	The Canadian Standards Association organizations that certify paper packaging
FOREST_STEWARDSHIP_COUNCIL	The Forest Stewardship Council organizations that certify paper packaging
NOT_APPLICABLE	Not applicable.
OTHER	Code value not available in code list.
PROGRAMME_ENDORSEMENT_FOREST_CERTIFICATION	The programme for the endorsement of forest certification scheme.
SUSTAINABLE_FORESTRY_INITIATIVE	The Sustainability Forestry Initiative organizations that certify paper packaging
UNKNOWN	Unknown

6.215. Special Item Code

GS1 Code List	SpecialItemCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
COLLATERAL_ITEM	A trade item delivered from a manufacturer to the retail selling floor that is not considered inventory and has no retail value.
DYNAMIC_ASSORTMENT	Definition Not Available
GIFT_WITH_PURCHASE	A trade item given to a consumer as part of a promotional event, contingent on the consumer making a purchase of another item or items. A Gift with Purchase is considered inventory and has no retail value.



NOT_FOR_RESALE_TO_CONSUMER	Trade items purchased by a retailer for internal use only, not for sale to consumers.
PURCHASE_WITH_PURCHASE	A trade item sold to a consumer at a special price as part of a promotional event, contingent on the consumer purchasing another item or items. A Purchase with Purchase is considered inventory and has a retail value.
NONFUNCTIONING_DISPLAY_UNIT	Indicates that a trade item is a non-functioning Trade Item, used for display purposes only. Typically it is the shell of the trade item that it represents. Relevant to when the non-functioning Trade Item has to actually be ordered from the supplier.

6.216. Specific Gravity Reference Material Code

GS1 Code List	SpecificGravityReferenceMaterialCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
AIR	Referenced against Air
COMPRESSED_LIQUID	A fluid under mechanical and or thermodynamic conditions that force it to be a liquid. It is a liquid at a temperature lower than the saturation temperature at a given pressure.
WATER	Referenced against water

6.217. Stacking Factor Type Code

GS1 Code List	StackingFactorTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
STORAGE_UNSPECIFIED	Applicable for goods in storage, irrespective of type of storage.
TRANSPORT_AIR	Applicable for goods during air transport.
TRANSPORT_INLAND_WATER	Applicable for goods being transported by inland water.
TRANSPORT_MARITIME	Applicable for goods being transported by sea.
TRANSPORT_RAIL	Applicable for goods being transported by rail.
TRANSPORT_ROAD	Applicable for goods being transported by road
TRANSPORT_UNSPECIFIED	Applicable for goods being transported by unknown or irrelevant means.



UNSPECIFIED	Applicable for goods irrespective of transport or storage.
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6.218. Sterilisation Type Code

GS1 Code List	SterilisationTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
AUTOCLAVE	Autoclave (Steam) is a method of sterilisation that utilizes pressure and heat to achieve a sterile environment.
BETA_RADIATION	Beta particles are able to penetrate living matter to a certain extent (radiation intensity from a small source of radioactive material decreases as one over the distance squared) and can change the structure of struck molecules.
ELECTRON_BEAM_IRRADIATION	A commercially successful technology for sterilizing a variety of disposable medical devices with a wide range of densities. The e-beam inactivates micro-organisms either by causing microbial death as a direct effect of the destruction of a vital molecule or by an indirect chemical reaction. This is the same mechanism as in gamma irradiation, and the dose required is the same.
ETHANOL	A chemical sterilisation method that utilizes ethanol as the sterilisation method.
ETO_ETHYLENE_OXIDE	A gas that is commonly used to sterilize objects sensitive to temperatures greater than 60 °C such as plastics, optics and electrics. Ethylene oxide treatment is generally carried out between 30 °C and 60 °C with relative humidity above 30% and a gas concentration between 200 and 800 mg/L for at least three hours. Ethylene oxide penetrates well, moving through paper, cloth, and some plastic films and is highly effective.
FORMALDEHYDE	A chemical sterilisation agent used to provide sterilisation. Items being sterilized are usually immersed in the formaldehyde for a pre determined time period.
GAMMA_RADIATION	Gamma rays are very penetrating and are commonly used for sterilisation of disposable medical equipment, such as syringes, needles, cannulas and IV sets. Gamma radiation requires bulky shielding for the safety of the operators; they also require storage of a radioisotope (usually Cobalt-60), which continuously emits gamma rays (it cannot be turned off, and therefore always presents a hazard in the area of the facility).
GLUTERALDEHYDE	A colourless liquid with a pungent odour used to sterilize medical and dental equipment. It is also used for industrial water treatment and as a chemical preservative. Glutaraldehyde is an oily liquid at room temperature (density 1.06 g/mL), and miscible with water, alcohol, and benzene.
HYDROGEN_PEROXIDE	Another chemical sterilizing agent. It is relatively non-toxic once diluted to low concentrations (although a dangerous oxidizer at high concentrations), and leaves no residue.



OZONE	Is a method often times used in industrial settings to sterilize water and air, as well as a disinfectant for surfaces. It has the benefit of being able to oxidize most organic matter. It is a toxic and unstable gas that must be produced on-site, so it is not practical to use in many settings.
PERACETIC_ACID	A chemical in the organic peroxide family. It is a bright, colorless liquid with a characteristic acrid acetic acid type odor. It has a strong oxidizing potential, is highly corrosive, and can explode at temperatures exceeding 110 °C.
PLASMA	A method of sterilisation that utilizes hydrogen peroxide vapour to sterilize heat sensitive equipment.
UNSPECIFIED	Trade Item Manufacturer has not specified the sterilisation method(s) of the trade item.
UV_LIGHT	Useful for sterilisation of surfaces and some transparent objects. Many objects that are transparent to visible light absorb UV. UV irradiation is routinely used to sterilize the interiors of biological safety cabinets between uses.

6.219. Surface Of Cheese At End Of Ripening Code

GS1 Code List	SurfaceOfCheeseAtEndOfRipeningCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
RIND	Outside shell of cheese that forms during the cheese making process
NO_RIND	No outside shell of cheese has formed during the cheese making process

6.220. Surround Sound Digital Decoder Type Code

GS1 Code List	SurroundSoundDigitalDecoderTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
DOLBY_DIGITAL_5_1	A data/audio compression technology.
DOLBY_DIGITAL_EX	A data/audio compression technology.
DOLBY_DIGITAL_PRO_LOGIC_II	A data/audio compression technology.
DOLBY_DIGITAL	A data/audio compression technology.



DOLBY_DIGITAL_PLUS	A data/audio compression technology.
DOLBY_TRUE_HD	A data/audio compression technology.
DTS_5_1	A digital sound format.
DTS_96_KHZ_24_BIT	A digital sound format.
DTS_ES	A digital sound format.
DTS_ES_DISCRETE_6_1	A digital sound format.
DTS_ES_MATRIX_6_1	A digital sound format.
DTS_HD	A digital sound format.
NEO_6	A digital sound format.
THX	A high-fidelity sound reproduction standard

6.221. Sustainability Feature Code

GS1 Code List	SustainabilityFeatureCode
GS1 Code List Version	r1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
BIODEGRADABLE	The trade item is capable of degrading over time by exposure to the environment.
MADE_FROM_RENEWABLE_MATERIAL	The trade item is made from materials which are considered to be renewable.

6.222. Synchronisation Confirmation State Enumeration

GS1 Code List	SynchronisationConfirmationStateEnumeration
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
RECEIVED	Data has been received by the Data Recipient, but no business decision has been made on the data.
REJECTED	Data will no longer be synchronised or updates will no longer be provided.
REVIEW	A request to the data source to “review” their data because the data recipient has received discrepant data which they cannot synchronise.
SYNCHRONISED	Data is integrated, in synch and added to the synchronisation list.



6.223. System Requirements Qualifier Type Code

GS1 Code List	SystemRequirementsQualifierTypeCode
GS1 Code List Version	r1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
MINIMUM	The least possible quantity.
RECOMMENDED	The quantity or degree suggested for best performance.

6.224. Target Consumer Gender Code

GS1 Code List	TargetConsumerGenderCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
FEMALE	Female
MALE	Male
UNISEX	Unisex

6.225. Temperature Qualifier Code

GS1 Code List	TemperatureQualifierCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
DELIVERY_TO_DISTRIBUTION_CENTRE	Trade Item is in transport to the distribution center.
DELIVERY_TO_MARKET	Trade Item is in transport to market.
STORAGE_HANDLING	Trade Item is being stored or handled.
TRANSPORTATION	Trade item is in process of being transported in the supply chain.



6.226. Television Information Service Type Code

GS1 Code List	TelevisionInformationServiceTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
ANTIOPE	Television information retrieval services used in France.
FASTEXT	A feature of televisions used in addition to teletext with red, green, yellow buttons to go to sports, weather etc.
TELETEXT	A television information retrieval services used in parts of Europe.
TELIDON	Television information retrieval services used in Canada.

6.227. Test Species Code

GS1 Code List	TestSpeciesCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
MOUSE	A small mammal belonging to the order of rodents (Genus Mus).
OTHER	Any other animal not specifically included in this list.
RABBIT	Small mammals in the family Leporidae of the order Lagomorpha.
RAT	Rats are various medium-sized, long-tailed rodents of the superfamily Muroidea.

6.228. Thread Type Code

GS1 Code List	ThreadTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
BSPT	British Standard Pipe Thread (Tapered) per ISO # 7 or EN 10226
BSSP	British Standard Pipe Thread (Parallel) per ISO # 228



GHT	Garden Hose Thread
NH_OR_NST	National (American) Standard Fire hose Coupling Thread of full form and fire hose.
NHR	Standard house coupling threads for garden hose applications where the design utilizes thin walled material which is formed to the desired threads
NPSC	National (American) Standard Pipe Straight Coupling Thread
NPSH	National (American) Standard Pipe Straight Hose Coupling joints ordinarily made with straight internal and external loose-fitting threads. By the use of this thread series, it is possible to join small hose couplings in sizes of 1/2 in to 4 in; inclusive, to ends of stand pipe having NPT threads using a gasket to seal the joint.
NPSI	National (American) Standard Pipe Straight Intermediate Thread
NPSL	National (American) Standard Pipe Straight Locknut Thread
NPSM	National (American) Standard Pipe Straight Mechanical Thread
NPT	National (American) Standard Pipe Thread (Tapered) per ANSI B1.20.1
NPTF	National (American) Standard Pipe Thread Tapered (Dryseal)
NPTR	National (American) Standard Pipe Taper Railing Fitting Thread
OTHER	Other
PTF	SAE Short Tape Pipe Thread

6.229. Title Rating Entity Code

GS1 Code List	TitleRatingEntityCode	
GS1 Code List Version	R1	
Managing Agency	GS1	
Based on Code List	n/a	
Type Of Management	n/a	
Code Value	Code Name	Code Definition
BBFC	British Board of Film Classification	United Kingdom
BC	British Columbia	British Columbia, Canada
ESRB	Entertainment Software Rating Board	Entertainment Software Rating Board
FCA	Film Censorship Authority	Hong Kong
FCO	Film Censor's Office	Ireland
FMOG	France Ministry of Culture	France
FSK	Voluntary Self Regulation of German Film Industry GmbH, Germany	Theatrical - Germany
MCU	Ministerio de Cultura de España	Ministerio de Cultura de España (Spanish Ministry of Culture)

MPAA	The Motion Picture Association of America	U.S.
OFCS	Office of Film and Literature Classification	New Zealand
OFLC	Australian Office of Film and Literature Classification	Australia
OFRB	Ontario Film Review Board	Ontario, Canada
NOT_RATED	Not Rated	The information provider has not received a rating designation for the trade item
SPIO	Spitzenorganisation der Filmwirtschaft e.V. (SPIO)	Spitzenorganisation der Filmwirtschaft e.V. (SPIO)
UNKNOWN	Unknown	The rating of the trade item is not known and was not sent in the supplier message (can be used as a default value by data pools).
USK	Entertainment Software Self-Regulation Body	A German Entertainment Software Self-Regulation Body

6.230. Title Rating Code (Games)

Code List Name	Code List Description	
Title Rating Code List	Ratings as defined by associated ratings agency.	
Code Value	Code Description	
NOT_RATED	The information provider has not received a rating designation for the trade item	
UNKNOWN	The rating of the trade item is not known and was not sent in the supplier message (can be used as a default value by data pools).	
ESRB		
Code Value	Code Description	Definition
EC	Early Childhood	The game has content that may be suitable for ages 3 and older. Contains no material that parents would find inappropriate.
T	Teen	The game has content that may be suitable for ages 13 and older. May contain violence, suggestive theme, crude humour, minimal blood and/or infrequent use of strong language.
AO	Adults Only	The game has content that should only be played by persons ages 18 years and older. May include prolonged scenes of intense violence, blood and gore, sexual content and/or strong language.

E	Everyone	The game has content that may be suitable for ages 6 and older. May contain minimal cartoon, fantasy or mild violence and/or infrequent use of mild language.
M	Mature	The game has content that may be suitable for persons ages 17 and older. May contain intense violence, blood and gore, sexual content and/or strong language.
RP	Rating Pending	The game has been submitted to the ESRB and is awaiting final rating.
E10+	Everyone 10 and older	The game has content that may be suitable for ages 10 and older. May contain more cartoon, fantasy or mild violence, mild language, and/or minimal suggestive themes.
PEGI		
Code Value		Code Definition
PEGI_3	Suitable for persons over 3 years	
PEGI_7	Suitable for persons over 7 years	
PEGI_12	Suitable for persons over 12 years	
PEGI_16	Suitable for persons over 16 years	
PEGI_18	Suitable for persons over 18 years	
SPIO		
Code Value		Code Definition
N_S_H	SPIO-JK inspected: No serious harm to young people. That means: The medium can be offered in the normal trade but can be only sold to adults. In case, the medium will be indexed later by the Bundesprüfstelle (National Review Board), the medium can be sold only in special areas for adults.	
C_H	SPIO-JK inspected: Criminally harmless. That means: The medium can be offered only to adults in closed or restricted areas. They are treated as if it were already indexed by the Bundesprüfstelle (National Review Board).	
USK		
Code Value		Code Definition
O_ED	Rated from provider as informational/educational program - suitable without age restriction	
O_AI	Suitable without age restriction	
AB_6	Suitable for persons over 6 years	
AB_12	Suitable for persons over 12 years	
AB_16	Suitable for persons over 16 years	
KJ	Restricted for persons under 18 years	

6.231. Title Rating Code (Film)

MPAA Code Value (US)	Definition
X_RATED	Applies to films featuring explicit sex or, more rarely, to films featuring extensive graphic violence
NC_17	No one under 17 admitted
R	Under 17 requires accompanying parent or adult guardian



PG	Parental guidance suggested. Some material may not be appropriate for all children
PG_13	Parents strongly cautioned. Some may be inappropriate for children under 13
G	General audiences. All ages admitted
NOT_RATED	
RATING_PENDING	
MPAA Code Value (Ontario, Canada)	Definition
FAMILY	Film appropriate for viewing by a person of any age
PARENTAL_GUIDANCE	Parents should exercise discretion in permitting a child to view the film
14A	Persons younger than 14 years of age must be accompanied by an adult
18A	Persons younger than 18 years of age must be accompanied by an adult
RESTRICTED	Film restricted to persons 18 years of age or older
ADULT	Requires a sticker denoting "Title", "Running Time", "Distributor ID" Approval Certificate Number"
MPAA Code Value (British Columbia, Canada)	Definition
GENERAL	All ages. The contents of these motion pictures are suitable for viewing by all ages
PARENTAL_GUIDANCE	All ages. Parental guidance advised. Theme or content may not be suitable for all children.
14_ACCOMPANIMENT	Anyone under 14 years of age must be accompanied by an adult. Parents cautioned. These films may contain violence, coarse language, and/or sexually suggestive scenes
18_ACCOMPANIMENT	Anyone under 18 years of age must be accompanied by an adult. Parents strongly cautioned. Will likely contain explicit violence, frequent coarse language, sexual activity and/or horror.
RESTRICTED	No one under the age of 18 may view under any circumstances. Content not suitable for minors. May contain scenes of explicit sex and/or violence. However, the film classification office considers these films to have some artistic, historical, political, educational or scientific merit.
ADULT	No one under 18 may view under any circumstances. May contain explicit sexual scenes and/or violence. However, the classification office considers these films to be tolerable to the community
MPAA Code value (France)	Definition
ALL	Valid for all audiences
P12	With a prohibition for minors of 12
P16	With a prohibition for minors of 16
P18	With a prohibition for minors of 18
MPAA Code Value (UK)	Definition

UC	(Universal Children) Suitable for all but especially for young children (video only)
U	(Universal) Suitable for all
PG	All ages admitted, but Parental Guidance is recommended. It is the board's policy that films rated "PG" should not disturb a child of about 8 years of age or older; however, "parents are advised to consider whether the content may upset young or more sensitive children."
12A_12	No one under 12 years of age may see a "12A" film (unless accompanied by an adult) in a cinema or rent or buy a "12" video
15	No one under 15 years of age may see a "15" film or rent or buy a "15" video
18	Suitable only for adults. No one under 18 years of age may see an "18" film or rent or buy an "18" video
R18	To be supplied only in licensed sex shops or cinemas to adults of not less than 18 years of age
E	Exempt from BBFC
MPAA Code Value (Ireland)	Definition
G	'General' - Suitable for viewing by anyone
PG	'Parental Guidance' - Parental guidance is recommended for children under the age of 12
12PG	'Parent supervision required for children under 12' - A person over 18 years of age must accompany a child under the age of 12 when seeing a film theatrically
15PG	'Parent supervision required for children under 15' - A much stronger warning that, although the film may be unsuitable for a child under the age of 15 watching alone, a child with an adult may be admitted to the film's screening
18	'Adults only' - The film is suitable only for adults. A person under this age will not be admitted
MPAA Code Value (Australia)	Definition
G	Suitable for all viewers. It is noted by the board that a "G" film rating in Australia doesn't indicate the film is intended for children, simply that nothing in the film will be disturbing or harmful to children
PG	Parental Guidance recommended for children under 15 years of age
M	Mature, recommended for audiences 15 years and over. Note: this is not a legally restricted Australian film rating, but films in this category cannot be recommended for those under 15 years
MA	Mature Accompanied. This category is legally restricted in that children under 15 cannot see "MA" films or rent them on video unless accompanied by a parent or adult guardian
R	Restricted. This category is legally restricted to adults. No one under 18 may view these films in a cinema or rent them on videocassette.
X	Restricted. This rating applies to sexually explicit material which is restricted to viewers 18 years of age and over
E	Exempt from classification - thus not a rating as such. These are usually educational programs

MPAA Code Value (New Zealand)	Definition
G	Suitable for all
PG	Parental guidance recommended for younger viewers
M	Mature; Suitable for people 16 years or older. Parental decision whether to let children watch a particular film
R13	Restricted to 13 year-olds and older
R15	Restricted to 15 year-olds and older
R16	Restricted to 16 year-olds and older
R18	Restricted to 18 year-olds and older
R	A special restriction (details of the restriction noted to the right of the label). Equivalent to the old 'RP' classification
FSK Rating Value (Germany)	Definition
OAI	Suitable without age restriction
AB_6	Suitable for persons over 6 years
AB_12	Suitable for persons over 12 years
AB_16	Suitable for persons over 16 years
AB_18	Suitable for persons over 18 years (code for films age rated from 07/27/1957 to 02/24/1985)
KJ	Restricted for persons under 18 years (code for films age rated from 04/01/2003)
NU_18	Restricted for person under 18 years (code for films age rated from 02/25/1985 to 03/31/2003)
O_ED	Rated from provider as informational/educational program - suitable without age restriction
SPIO Value (Germany)	Definition
N_S_H	SPIO-JK inspected: No serious harm to young people. That means: The medium can be offered in the normal trade but can be only sold to adults. In case, the medium will be indexed later by the Bundesprüfstelle (National Review Board), the medium can be sold only in special areas for adults.
C_H	SPIO-JK inspected: Criminally harmless. That means: The medium can be offered only to adults in closed or restricted areas. They are treated as if it were already indexed by the Bundesprüfstelle (National Review Board).
MPAA Code Value (Hong Kong)	Definition
I	Suitable for all ages
IIA	Not suitable for children
IIB	Not suitable for young persons and children
III	For persons aged 18 or above only
MCU Value (Spain)	Definition
MCU_7	Suitable for audiences 7 and older
MCU_12	Suitable for audiences 12 and older
MCU_16	Suitable for audiences 16 and older
MCU_18	Suitable for audiences 18 and older
MCU_EI	Especially suitable for small children



MCU_TP	Suitable for all audiences
MCU_X	This film contains pornographic and/or extreme violence content. A person under 18 will not be admitted.
PEGI Code Value (Pan Europe)	Definition
PEGI_3	Suitable for persons over 3 years
PEGI_7	Suitable for persons over 7 years
PEGI_12	Suitable for persons over 12 years
PEGI_16	Suitable for persons over 16 years
PEGI_18	Suitable for persons over 18 years
TV Parental Guidelines Code Value (US)	Definition
TV_14	Parents Strongly Cautioned
TV_G	General Audience
TV_PG	Parental Guidance Suggested
TV_MA	Mature Audience Only
TV_Y	All Children
TV_Y7	Directed to Older Children
TV_Y7_FV	Directed to Older Children, Fantasy Violence

6.232. Total Packaging Economic Cost Measurement Code

GS1 Code List	TotalPackagingEconomicCostMeasurementCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
FINAL_PACKAGING	Final Packaging
PACKAGING_COMPONENT	Part of packaging that can be separated by hand or by using simple physical means (EN 13427, ISO/DIS 18601), for example a packaging film.
PACKAGING_MATERIAL	Any material used especially to protect something.



6.233. Toxicity Measurement Protocol Code

GS1 Code List	ToxicityMeasurementProtocolCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
IMPACT_2002	Impact 2002
LIME2	LIME2
OTHER	Code value not available in code list.
USETOX	The usetox protocol for toxicity.

6.234. Toxicity Reference Substance Code

GS1 Code List	ToxicityReferenceSubstanceCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
CTU_PER_FU	CTU_PER_FU
KG_C2H3CL_EQ_PER_FU	Kilogram_C2H3CL_EQ_PER_Functional Unit
KG_C6H6_AIR_EQ_PER_FU	KG_C6H6_AIR_EQ_PER_FU
OTHER	Code value not available in code list.

6.235. Trade Channel Code

GS1 Code List	TradeChannelCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
CONVENIENCE	Small format retail store often outside or annexed to a gas/fuel station.
DRUG	Organisations or departments engaged in retailing prescription or nonprescription drugs and medicines. This is otherwise known as Retail Pharmacy.
DRUG_STORE	Establishment that offers personal care goods, toiletries and non-controlled drugs which can be obtained without a prescription. Within the Netherlands this establishment is a different than a retail pharmacy (referred to in the code list as DRUG).



FOOD_SERVICE	Trade channel that sells prepared food, for example restaurants, hotels, clubs.
GROCERY	Organisations or departments primarily engaged in retailing a general line of food products.
HARD_LINES	Organisations or departments primarily engaged in retailing a general line of hardware items, such as tools and builders' hardware.
HEALTHCARE	Trade channel where products such as medicines, medical devices and healthcare consumables are used for the direct delivery of healthcare services. It specifically excludes products such as stationery, detergents, carrier bags etc. that may be sold to hospitals.
HOME_GOODS	Organisations or departments primarily engaged in retailing a general line of domestic goods, such as furniture and furnishings, home décor, home accessories.
HOSPITAL	The distribution and use of this trade item is 'intramural' (within the walls of a clinic or hospital). These products may not be always supplied through a hospital pharmacy and may be used directly at the clinic.
HOSPITAL_PHARMACY	Drug or medical device can be dispensed from a hospital pharmacy. Can be related to government funded/subsidized reimbursement list/agency. Can also apply to orphan drugs, special drugs.
INDUSTRIAL	A marketing intermediary, roughly equivalent to a wholesaler in consumer markets, who purchases industrial products in bulk from manufacturers for resale to other industrial users
INSTITUTIONAL	Trade channel where the trade item is sold to institutions, such as, education departments, colleges, schools, research centres, etc.
MASS_MERCHANDISING	Trade channel, which is a huge retail store offering a very wide range of product categories such as accessories, appliances, clothing, furniture, office equipment and stationery, and shoes.
MILITARY	Sale of items to the military.
UNSPECIFIED	Trade Channel unknown or not relevant.
VENDING	The retailing merchandise through vending machines.
VENDOR_LEASED_SPACE	A trade channel where the trade item is sold through a retailer within a retailer for example a rack jobber.

6.236. Trade Item Condition Code

GS1 Code List	TradeItemConditionCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
CUT_FOR_SALE	Identifies food (e.g. meat, cold cut, cheese) or non-food product (e.g. chain, textile) that have been already cut, sliced or chopped for sale by the time they reach the retailer. Example: loin or chuck transported as



	steaks into the shop where these are sold as products.
TO_BE_CUT_FOR_SALE	Identifies a food (e.g. meat, cold cut, cheese) or non-food product (e.g. chain textile) identified to be cut, sliced or chopped before selling to the final consumer. Example: a carcass side of a pig would be chopped into steaks and other cuts of pork at the meat department of the shop and sold as separate products.
TO_BE_PORTIONED	For bulk items, in order to sell the item to consumer portions must be taken from bulk and created to meet consumer buying habits

6.237. Trade Item Context Code

GS1 Code List	TradeItemContextCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
DP001	Distribute Product Information for Audio Visual Photography, Electronics, Communications, Computing and Appliance Products.
DP002	Distribute Product Information for Audio_Visual_Media Products
DP003	Distribute Product Information for Beauty Hygiene Home Healthcare Products
DP004	Distribute Product Information for Cleaning Hygiene Products, Lubricants, Fuels, Automotive and Building Product Chemicals
DP005	Distribute Product Information for Clothing And Personal Accessories
DP006	Distribute Product Information for Food Beverage Tobacco and Pet Food Products.
DP007	Distribute Product Information for Medical Devices
DP008	Distribute Product Information for Pharmaceutical
DP009	Distribute Product Information for Sporting Goods
DP010	Distribute Product Information for Building Products, Automotive, Tools, Office and Arts Supply Products
DP011	Distribute Product Information for Household/Office Furniture/Furnishings
DP012	Distribute Product Information for Kitchen Merchandise
DP013	Distribute Product Information for Live Animals_and Live Lawn/Garden Plants
DP014	Distribute Product Information for Toys, Games, Musical Instruments
DP015	Distribute Product Information Cross Segment and Variety Packs



6.238. Trade Item Date On Packaging Type Code

GS1 Code List	TradeItemDateOnPackagingTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
BEST_BEFORE_DATE	The best before date indicates the ideal consumption or best effective use date of a product. It is a statement about quality. It is often referred to as a sell by date or a minimum durability date.
EXPIRATION_DATE	The expiration date is the date that determines the limit of consumption or use of a product. Its meaning is determined based on the trade item context (e.g., for food, the date will indicate the possibility of a direct health risk resulting from use of the product after the date, for pharmaceutical products, it will indicate the possibility of an indirect health risk resulting from the ineffectiveness of the product after the date). It is often referred to as “use by date” or “maximum durability date.”
PACKAGING_DATE	The packaging date is the date when the goods were packed as determined by the packager. The date may refer to the trade item itself or to items contained.
PRODUCTION_DATE	The production date is the production or assembly date determined by the manufacturer. The date may refer to the trade item itself or to items contained.

6.239. Trade Item Price Type Code

GS1 Code List	TradeItemPriceTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
BULK_PRICE	The amount of money for which the trade item is bought or sold when buying or selling a standard configuration.
LOOSE_PRICE	The amount of money for which the trade item is bought or sold when buying or selling individual units that are not in a standard configuration.
MINIMUM_ADVERTISED_PRICE	The minimum consumer price (amount) at which the trade item may be advertised.
RETAIL_PRICE_ON_TRADE_ITEM	The retail price as marked on the trade item package



6.240. Trade Item Temperature Condition Type Code

GS1 Code List	TradeItemTemperatureConditionTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
DEEP_FROZEN	Temperature -18 °C or less Temperature -0.4 °F or less
FRESH	Never frozen
FROZEN	Temperature -12 °C to -17°C Temperature 10.4 °F to 1.4 °F
THAWED	Previously frozen

6.241. Trade Item Unit Descriptor Code

GS1 Code List	TradeItemUnitDescriptorCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
BASE_UNIT_OR_EACH	The lowest level of the item hierarchy intended or labelled for individual retail sale.
CASE	The standard shipping unit level.
DISPLAY_SHIPPER	A display, a shipper. May have a "PL" parent. May have (CA or EA) children in multiple instances. It may be Orderable and can be a Consumer Unit.
MIXED_MODULE	A "mixed mod" or "display ready pallet" that is not the normal 'turn' for ordering.
PACK_OR_INNER_PACK	A logistical unit between case and each. This may be a consumable innerpack (i.e. Carton of Cigarettes) or it may be simply a logistical pack (i.e. Dozens of toothbrushes).
PALLET	A pallet is a flat transport structure designed to support a variety of goods in a stable fashion while being lifted by any mobile forklift or other jacking device.
TRANSPORT_LOAD	The trade item above the pallet level used for transporting trade items for example Truck Load, Container, Rail Car, Ship, Etc.



6.242. Trade Item Variant Type Code

GS1 Code List	TradeItemVariantTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
FLAVOUR	A quality that affects the sense of taste.
SCENT	A quality that affects the sense of smell.

6.243. Tuner Type Code

GS1 Code List	TunerTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
ANALOGUE	Encodes television picture and sound information and transmits it as an analogue signal.
ATSC	A digital television format.
DIGITAL	The sending and receiving of moving images and sound by discrete (digital) signals.
EPSC	Not Available.
HD	Symbol stating TV is high definition ready.
HIGH_DEFINITION	A digital television broadcasting system with higher resolution than traditional television systems.
INTEGRATED	Built into the unit.(Digital).
NOT_APPLICABLE	Not Applicable
NTSC	An analogue television system.
PAL	Phase Alternating Line is a colour-encoding system used in broadcast television systems.
READY	TV is ready for high definition (HD Ready).
SCAM	SCam
UNSPECIFIED	Tuner available but type not specified.



6.244. Variable Trade Item Type Code

GS1 Code List	VariableTradeItemTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
LOOSE	A trade item which is without packaging at the retail level and whose quantity (the individual pieces, amount, or volume) is selected by the consumer and can be either bagged and bar coded by the consumer or bagged and key-entered or scanned at the point of sale. NOTE: In some industries these types of trade items are commonly referred to as BULK. Examples: cold meats and cheese sold in butchers and delicatessens, fudge cut from bars, loose fruit and vegetables, grains, candy, fresh produce, fabric bolts, spooled chain or rope, nails or snacks. A fixed-measure reel of 100 metres of wire is sold from the supplier to the retailer. At the retailer, the consumer may either buy the entire 100-metre reel at a fixed price for the whole reel, or may request a length of wire to be cut to his requirement at a price per metre. A 10 pound case of candy sold to the retailer. The retailer puts this in bins and prices.
PRE_PACKED	A variable-measure trade item which is provided with packaging that is assembled or produced by the supplier or by the retailer in advance of sale to the consumer. Examples: cheese and deli meats pre-packed and priced by the retailer, chicken breast pre-packed and priced by the supplier before delivery to the retailer, pre-packed fruit and vegetables sold by weight or count (not a fixed price per pack).

6.245. VESA Wall Mount Type Code

GS1 Code List	VESAWallMountTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
MIS_D_75_MM_BY_75_MM	75 millimetres By 75 millimetres
MIS_D_100_MM_BY_100_MM	100 millimetres By 100 millimetres
MIS_E_200_MM_BY_100_MM	200 millimetres By 100 millimetres
MIS_F_200_MM_BY_300_MM	200 millimetres By 300 millimetres
MIS_F_300_MM_BY_300_MM	300 millimetres By 300 millimetres
MIS_F_200_MM_BY_200_MM	200 millimetres By 200 millimetres
MIS_F_400_MM_BY_200_MM	400 millimetres By 200 millimetres
MIS_F_400_MM_BY_400_MM	400 millimetres By 400 millimetres
MIS_F_600_MM_BY_200_MM	600 millimetres By 200 millimetres



MIS_F_600_MM_BY_400_MM	600 millimetres By 400 millimetres
MIS_F_800_MM_BY_400_MM	800 millimetres By 400 millimetres
MIS_F_280_MM_BY_150_MM	280 millimetres By 150 millimetres

6.246. Visual Media Colour Code

GS1 Code List	VisualMediaColourCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
BLACK_AND_WHITE	Uses a monochromatic form of film.
COLOR	Uses media capable of representing multiple colours
COLORIZED	Altered by a process that involves adding colour to a black and white film

6.247. Water Solubility Type Code

GS1 Code List	WaterSolubilityTypeCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
1	Less than 0.1%
2	0.1 to 1.0%
3	1.0 to 10%
4	Greater than 10%
5	All Proportions
6	Not Applicable

6.248. Working Pressure Rating Class Code

GS1 Code List	WorkingPressureRatingClassCode
GS1 Code List Version	R1
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a
Code Value	Code Definition
CWP	Cold Working Pressure at 73 degrees Fahrenheit.



SWP	Steam Working Pressure
WWP	Water Working Pressure

6.249. Attributes with Code Lists with External or Multiple Sources

The following attributes do not specify the code list to be used using the data type. The following table lists the code lists to be used for these types of attributes.

Item Name	Code List
classOfDangerousGoods	Recommend to use codes listed in the 16th edition of the UN Recommendations on the Transport of Dangerous Goods was published in 2009.
colourCodeListCode	Use ColourCodeListCode
codeListNameCode	AVPCodeListNameCode (GS1 Code List)
genreTypeCodeReference	GS1 Code List used differs based on product: <ul style="list-style-type: none"> • Product Genre Type Code (Electronic Games) • Product Genre Type Code (Film) • Product Genre Type Code (Music)
massEquivalentProtocolCode	Based On MassEquivalentCode, use one of following: <ul style="list-style-type: none"> • Mass Equivalent Fresh Water Consumption Protocol Code • Mass Equivalent Ionizing Radiation Human Protocol Code • Mass Equivalent Land Use Protocol Code • Mass Equivalent Nonrenewable Resource Depletion Protocol Code • Mass Equivalent Ozone Depletion Protocol Code • Mass Equivalent Particulate Respiratory Effects Protocol Code • Mass Equivalent Photochemical Ozone Creation Potential Protocol Code
massEquivalentSubstanceCodeReference	Based On MassEquivalentCode, use one of following: <ul style="list-style-type: none"> • Mass Equivalent Fresh Water Consumption Substance Code • Mass Equivalent Ionizing Radiation Human Substance Code • Mass Equivalent Land Use Substance Code • Mass Equivalent Non Renewable Resource Depletion Substance Code • Mass Equivalent Ozone Depletion Reference Substance Code • Mass Equivalent Particulate Respiratory Effects Reference Substance Code
onixExtentUnitTypeCode	Recommended to use ONIX List 24: Extent Unit Code.
productActivityRegionZoneCodeReference	Use CatchZoneCode when productActivityType = CATCH_ZONE



Item Name	Code List
ratingContentDescriptorCode	GS1 Code List used differs based on product: <ul style="list-style-type: none">• Rating Content Descriptor Code (Music)• Rating Content Descriptor Code (ESBR)• Rating Content Descriptor Code (PEGI)• Rating Content Descriptor Code (Film)
rOHSComplianceFailureMaterial	Use ROHSComplianceFailureMaterialCode.
sizeCodeListCode	Use SizeCodeListCode.
titleRatingCodeReference	GS1 Code List used differs based on product type: <ul style="list-style-type: none">• Title Rating Code (Games)• Title Rating Code (Film).
unitedNationsDangerousGoodsNumber	UNDG Number: Recommend to use codes listed in the 16th edition of the UN Recommendations on the Transport of Dangerous Goods was published in 2009.