

Cardinality	Elements and structure	Entity id
<b>Trade item information</b>		
1 .. 1	<b>Trade item header</b>	
1 .. 1	—Creation date time	T0151
0 .. 1	—Document command	T0153
0 .. 1	—Data recipient GLN	T3809
0 .. unbounded	—Trade item trade channel code	+ T4452
0 .. 1	<b>Information provider</b>	
1 .. 1	—Information provider of trade item GLN	T1124
0 .. 1	—Information provider of trade item, name	T3807
0 .. 1	<b>Manufacturer</b>	
0 .. 1	—Manufacturer of trade item GLN	T1115
0 .. 1	—Manufacturer of trade item, name	T3811
0 .. 1	<b>Brand owner</b>	
0 .. 1	—Brand owner GLN	T3750
0 .. 1	—Brand owner, name	T3752
0 .. 1	<b>Additional parties</b>	
0 .. 1	—Party address	+ T4487
0 .. 1	—Party GLN	T3786
0 .. 1	—Party, name	T3787
0 .. 1	—Party role code	T3788
0 .. 1	<b>Trade item dates</b>	
0 .. 1	—Effective date time	T3806
1 .. 1	—Last change date time	T4008
0 .. 1	—Publication date time	T4009
0 .. 1	—Discontinued date time	T4015
0 .. 1	<b>Trade item identities</b>	
1 .. 1	—Trade item GTIN	T0154
1 .. 1	—Target market country code	T4011
0 .. 1	—Context identification	T3815
0 .. 1	—Preliminary item status code	T3495
0 .. 1	—Is trade item a base unit	T4012
0 .. 1	—Is trade item a consumer unit	T4037
0 .. 1	—Is trade item a despatch unit	T4038
0 .. 1	—Is trade item an invoice unit	T4014
0 .. 1	—Is trade item an orderable unit	T0017
0 .. 1	—Is trade item a display unit	T2207
0 .. 1	—Trade item unit descriptor code	T4010
0 .. unbounded	<b>Additional trade item identities</b>	
1 .. 1	—Additional trade item identification	T3798
1 .. 1	—Additional trade item identification type code	T3799
0 .. unbounded	<b>Reference to trade item</b>	
1 .. 1	—Referenced trade item GTIN	T3793
1 .. 1	—Referenced trade item type code	T3794
0 .. 1	<b>GPC classification category</b>	
1 .. 1	—GPC category code	T0280
0 .. 1	<b>Additional trade item classification</b>	
0 .. 1	—Additional trade item classification system code	T4238
0 .. unbounded	<b>Additional trade item classification value</b>	
1 .. 1	—Additional trade item classification code value	T4239
0 .. 1	—Additional trade item classification version	+ T4468
0 .. unbounded	<b>Additional trade item classification property</b>	
1 .. 1	—Additional trade item classification property code	+ T4469
0 .. 1	—Property code	+ T4472
0 .. 1	—Property float	+ T4470

Cardinality	Elements and structure	Entity id
0 .. 1	Property string	+ T4471
0 .. 1	<b>Contact</b>	
1 .. 1	Contact type code	T3792
0 .. 1	Contact, address	T3791
0 .. 1	Contact, name	T3790
0 .. 1	Contact GLN	T3789
0 .. unbounded	<b>Target market communication channel</b>	
0 .. unbounded	<b>Communication channel</b>	
1 .. 1	Communication channel code	T4392
1 .. 1	Communication value	T4393
0 .. unbounded	<b>Target market</b>	
1 .. 1	Target market country code	T4406
0 .. 1	<b>Global model information</b>	
1 .. 1	Global model number, GMN	T4352
0 .. unbounded	<b>Global model description</b>	
1 .. 1	Global model description	T4353
1 .. 1	Language code	T3782
0 .. 1	<b>Trade item components</b>	
0 .. 1	Total quantity of components	T3832
0 .. 1	Number of unique components	T3833
0 .. 1	Multiple container quantity	T3838
0 .. unbounded	<b>Component information</b>	
1 .. 1	Component number	T3834
0 .. 1	Component identification	T3836
0 .. 1	Component quantity	T3837
0 .. 1	Component multiple packed quantity	T3839
0 .. 1	Context identification	T3815
0 .. 1	GPC category code	T0280
0 .. unbounded	<b>Component description</b>	
1 .. 1	Component description	T3835
1 .. 1	Language code	T3782
0 .. 1	<b>Modules</b>	
0 .. 1	<b>Packaging hierarchy</b>	
1 .. 1	Quantity of children	T4034
1 .. 1	Total quantity of next lower level trade item	T4035
1 .. unbounded	<b>Trade item hierarchy</b>	
1 .. 1	Child trade item GTIN	T2045
1 .. 1	Quantity of next lower level trade item	T3361
0 .. 1	<b>Modules</b>	
0 .. 1	<b>Alcohol</b>	
0 .. 1	<b>Alcohol information</b>	
0 .. unbounded	Alcohol beverage distilled from code	T4317
0 .. unbounded	Alcohol beverage filtering method type code	T4318
0 .. 1	Alcohol beverage production method type code	T4319
0 .. 1	Origin of wine code	T4323
0 .. 1	Percentage of alcohol by volume	T2208
0 .. 1	Sweetness level of alcoholic beverage code	T4322
0 .. unbounded	Vintage	T4203
0 .. unbounded	<b>Alcohol beverage age</b>	
1 .. 1	Alcohol beverage age	T4316
1 .. 1	Time measurement unit code	T4270
0 .. unbounded	<b>Alcoholic beverage sugar content</b>	

Cardinality	Elements and structure	Entity id
1 .. 1	—Alcoholic beverage sugar content	T4271
1 .. 1	—Measurement unit code	T3780
0 .. unbounded	<b>Bitterness of beer measurement</b>	
1 .. 1	—Bitterness of beer measurement	T4315
1 .. 1	—Bitterness of beer measurement unit code	T4333
0 .. 1	<b>Allergens</b>	
0 .. unbounded	<b>Allergen related information</b>	
0 .. unbounded	<b>Allergen statement</b>	
1 .. 1	—Allergen statement	T4077
1 .. 1	—Language code	T3782
0 .. unbounded	<b>Allergen</b>	
1 .. 1	—Allergen type code	T4078
1 .. 1	—Level of containment code	T4079
0 .. 1	<b>Animal feeding information</b>	
0 .. unbounded	—Animal food type code	T4410
0 .. unbounded	—Animal target size code	T4424
0 .. unbounded	—Animal targeted health condition code	T4409
0 .. unbounded	—Feed life stage code	T4425
0 .. unbounded	—Feed type code	T4223
0 .. unbounded	—Targeted consumption by	T4222
0 .. unbounded	<b>Feed additive statement</b>	
1 .. 1	—Feed additive statement	T4250
1 .. 1	—Language code	T3782
0 .. unbounded	<b>Feed analytical constituents statement</b>	
1 .. 1	—Feed analytical constituents statement	T4249
1 .. 1	—Language code	T3782
0 .. unbounded	<b>Feed composition statement</b>	
1 .. 1	—Feed composition statement	T4248
1 .. 1	—Language code	T3782
0 .. unbounded	<b>Feeding instructions</b>	
1 .. 1	—Feeding instructions	T4251
1 .. 1	—Language code	T3782
0 .. unbounded	<b>Animal feeding</b>	
0 .. unbounded	<b>Animal feeding detail</b>	
0 .. unbounded	<b>Feeding amount</b>	
1 .. 1	—Feeding amount	T4212
1 .. 1	—Measurement unit code	T3780
0 .. unbounded	<b>Maximum feeding amount</b>	
1 .. 1	—Maximum feeding amount	T4214
1 .. 1	—Measurement unit code	T3780
0 .. unbounded	<b>Minimum feeding amount</b>	
1 .. 1	—Minimum feeding amount	T4215
1 .. 1	—Measurement unit code	T3780
0 .. unbounded	<b>Recommended frequency of feeding</b>	
1 .. 1	—Recommended frequency of feeding	T4216
1 .. 1	—Language code	T3782
0 .. unbounded	<b>Feed life stage</b>	
1 .. 1	—Feed life stage	T4208
1 .. 1	—Language code	T3782
0 .. unbounded	<b>Maximum weight of animal being fed</b>	
1 .. 1	—Maximum weight of animal being fed	T4209
1 .. 1	—Measurement unit code	T3780
0 .. unbounded	<b>Minimum weight of animal being fed</b>	

Cardinality	Elements and structure	Entity id
1 .. 1	— Minimum weight of animal being fed	T4210
1 .. 1	— Measurement unit code	T3780
0 .. 1	<b>Audio visual media product description</b>	
0 .. unbounded	— Genre type code reference	T4287
0 .. 1	<b>Batteries</b>	
0 .. 1	— Are batteries included	T3800
0 .. 1	— Are batteries required	T3801
0 .. unbounded	<b>Battery detail</b>	
0 .. 1	— Are batteries built in	T3802
0 .. unbounded	— Battery technology type code	T3803
0 .. 1	— Battery type code	T3804
0 .. 1	— Quantity of batteries built in	T4750
0 .. 1	— Quantity of batteries required	T3805
0 .. 1	<b>Battery weight</b>	
1 .. 1	— Battery weight	T4147
1 .. 1	— Measurement unit code	T3780
0 .. 1	<b>Certification information module</b>	
0 .. unbounded	<b>Certification information</b>	
0 .. 1	— Certification agency	+ T4441
0 .. 1	— Certification standard	+ T4497
0 .. unbounded	<b>Additional certification organisation identifier</b>	
1 .. 1	— Additional certification organisation identifier	+ T4444
1 .. 1	— Additional party identification type code	+ T4433
0 .. unbounded	<b>Certification</b>	
0 .. 1	— Certification effective start date time	+ T4496
0 .. 1	— Certification effective end date time	+ T4443
0 .. 1	— Certificate issuance date time	+ T4494
1 .. 1	— Certification value	+ T4442
0 .. unbounded	— Subject of certification description	+ T4493
1 .. 1	<b>Chemical regulation information module</b>	
0 .. unbounded	<b>Registration information</b>	
0 .. 1	— Registration agency	+ T4464
0 .. unbounded	— Registration number	+ T4465
0 .. 1	<b>Consumer Instructions</b>	
0 .. unbounded	— Required education or training type code	+ T4446
0 .. unbounded	<b>Cleaning disinfecting information</b>	
0 .. 1	— Cleaning disinfection process code	+ T4448
0 .. 1	— Pre-cleaning indicator	+ T4447
0 .. unbounded	— Product cleaning type code	+ T4449
0 .. unbounded	— Product disinfection type code	+ T4450
0 .. unbounded	<b>Consumer storage instructions</b>	
1 .. 1	— Consumer storage instructions	T3775
1 .. 1	— Language code	T3782
0 .. unbounded	<b>Consumer usage instructions</b>	
1 .. 1	— Consumer usage instructions	T3776
1 .. 1	— Language code	T3782
0 .. unbounded	<b>Consumer recycling instructions</b>	
1 .. 1	— Consumer recycling instructions	T4306
1 .. 1	— Language code	T3782
0 .. 1	<b>Dairy fish meat poultry item</b>	
0 .. unbounded	<b>Fish reporting information</b>	
0 .. unbounded	— Fish seafood presentation code	T4401

Cardinality	Elements and structure	Entity id
0 .. 1	Species for fishery statistics purposes code	T4228
0 .. 1	Species for fishery statistics purposes name	T4229
<b>0 .. unbounded</b>	<b>Fish catch information</b>	
0 .. unbounded	Catch area code	T4280
0 .. unbounded	Catch method code	T4230
0 .. 1	Production method for fish and seafood code	T4231
0 .. 1	Storage state code	T4232
<b>1 .. 1</b>	<b>Delivery purchasing information module</b>	
<b>0 .. 1</b>	<b>Delivery purchasing information</b>	
0 .. 1	Consumer end availability date time	+ T4466
0 .. 1	Consumer first availability date time	T2227
0 .. 1	First ship date time	T3742
0 .. 1	Is one time buy	T4332
0 .. 1	Last order date time	+ T4477
0 .. 1	Order quantity minimum	+ T4476
0 .. 1	Order quantity multiple	+ T4507
0 .. 1	Ordering unit of measure	+ T4506
0 .. 1	Start availability date time	T4727
0 .. 1	End availability date time	T4726
<b>0 .. unbounded</b>	<b>Distribution details</b>	
<b>0 .. unbounded</b>	<b>Ordering lead time</b>	
1 .. 1	Ordering lead time	+ T4475
1 .. 1	Measurement unit code	T3780
<b>0 .. 1</b>	<b>Diet information module</b>	
<b>0 .. unbounded</b>	<b>Diet type information</b>	
1 .. 1	Diet type code	T4066
0 .. 1	Diet type subcode	T4279
0 .. 1	Is diet type marked on package	T4312
<b>0 .. 1</b>	<b>Durable goods characteristics</b>	
<b>0 .. unbounded</b>	<b>Trade item finish description</b>	
1 .. 1	Trade item finish description	T4302
1 .. 1	Language code	T3782
<b>0 .. 1</b>	<b>Duty fee tax information module</b>	
<b>1 .. unbounded</b>	<b>Duty fee tax information</b>	
0 .. 1	Duty fee tax agency code	* T4033
0 .. 1	Duty fee tax country code	+ T4500
1 .. 1	Duty fee tax type code	* T0194
<b>0 .. unbounded</b>	<b>Duty fee tax type description</b>	
1 .. 1	Duty fee tax type description	+ T4499
1 .. 1	Language code	T3782
<b>0 .. unbounded</b>	<b>Duty fee tax</b>	
0 .. 1	Duty fee tax category code	+ T4428
0 .. 1	Duty fee tax rate	* T0195
<b>0 .. 1</b>	<b>Duty fee tax amount</b>	
1 .. 1	Duty fee tax amount	+ T4501
1 .. 1	Currency code	T0204
<b>0 .. unbounded</b>	<b>Duty fee tax basis</b>	
1 .. 1	Duty fee tax basis	+ T4502
1 .. 1	Measurement unit code	T3780
<b>0 .. 1</b>	<b>Ingredients</b>	
<b>0 .. unbounded</b>	<b>Ingredient statement</b>	
1 .. 1	Ingredient statement	T4088
1 .. 1	Language code	T3782

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0 .. 1	└ Sequence number	T4234
<b>0 .. 1</b>	└ <b>Farming and processing information</b>	
<b>0 .. 1</b>	└ <b>Trade item farming and processing</b>	
0 .. unbounded	└ Preservation technique code	T4246
<b>0 .. 1</b>	└ <b>Trade item organic information</b>	
0 .. 1	└ Organic product place of farming code	T4376
<b>0 .. unbounded</b>	└ <b>Organic claim</b>	
0 .. 1	└ Organic trade item code	T4377
<b>0 .. unbounded</b>	└ <b>Organic certification</b>	
1 .. 1	└ Organic certification identification	T4378
<b>0 .. 1</b>	└ <b>Preparation and serving</b>	
0 .. unbounded	└ Manufacturer preparation type code	T4138
0 .. 1	└ Maximum number of smallest units per package	T4093
0 .. 1	└ Number of servings per package	T4092
0 .. 1	└ Number of smallest units per package	T4036
<b>0 .. unbounded</b>	└ <b>Preparation</b>	
0 .. 1	└ Preparation type code	T4082
<b>0 .. unbounded</b>	└ <b>Maximum optimum consumption temperature</b>	
1 .. 1	└ Maximum optimum consumption temperature	T4136
1 .. 1	└ Temperature measurement unit code	T3781
<b>0 .. unbounded</b>	└ <b>Minimum optimum consumption temperature</b>	
1 .. 1	└ Minimum optimum consumption temperature	T4137
1 .. 1	└ Temperature measurement unit code	T3781
<b>0 .. unbounded</b>	└ <b>Preparation instructions</b>	
1 .. 1	└ Preparation instructions	T4083
1 .. 1	└ Language code	T3782
<b>0 .. unbounded</b>	└ <b>Serving suggestion</b>	
1 .. 1	└ Serving suggestion	T4091
1 .. 1	└ Language code	T3782
<b>0 .. 1</b>	└ <b>Healthcare item information</b>	
0 .. 1	└ Does trade item contain human tissue	+ T4435
0 .. 1	└ Does trade item contain latex	T4273
0 .. unbounded	└ Prescription type code	T4373
<b>0 .. unbounded</b>	└ <b>Clinical size</b>	
0 .. 1	└ Clinical size type code	+ T4436
<b>0 .. unbounded</b>	└ <b>Clinical size value</b>	
1 .. 1	└ Clinical size value	+ T4478
1 .. 1	└ Measurement unit code	T3780
<b>0 .. unbounded</b>	└ <b>Clinical size description</b>	
1 .. 1	└ Clinical size description	+ T4438
1 .. 1	└ Language code	T3782
<b>0 .. unbounded</b>	└ <b>Clinical size value maximum</b>	
1 .. 1	└ Clinical size value maximum	+ T4437
1 .. 1	└ Measurement unit code	T3780
<b>0 .. 1</b>	└ <b>Health</b>	
0 .. 1	└ Sun protection factor	T4281
<b>0 .. unbounded</b>	└ <b>Compulsory additive label information</b>	
1 .. 1	└ Compulsory additive label information	T3850
1 .. 1	└ Language code	T3782
<b>0 .. 1</b>	└ <b>Lighting device module</b>	
<b>0 .. unbounded</b>	└ <b>Light output</b>	
1 .. 1	└ Light output	T4293

0..1 = no or only one occurrence | 1..1 = occurs exactly once

0..unbounded = no or several occurrences | 1.. unbounded = one or several occurrences

Choice = only one of underlying entities/classes occurs

\* Changed attribute, + new attribute. For a detailed change history, see separate document.

Cardinality	Elements and structure	Entity id
1 .. 1	Measurement unit code	T3780
0 .. unbounded	<b>Light bulb information</b>	
0 .. 1	Light bulb lamp type code	T4291
0 .. 1	Light bulb base type	T4307
0 .. unbounded	<b>Colour temperature</b>	
1 .. 1	Colour temperature	T4292
1 .. 1	Temperature measurement unit code	T3781
0 .. 1	<b>Marketing information</b>	
0 .. unbounded	Trade item feature code reference	T3826
0 .. unbounded	<b>Grade code reference</b>	
1 .. 1	Grade code reference	T4327
0 .. 1	Grade code reference agency	T4328
0 .. unbounded	<b>Trade item marketing message</b>	
1 .. 1	Trade item marketing message	T3746
1 .. 1	Language code	T3782
0 .. 1	Sequence number	T4234
0 .. unbounded	<b>Designer</b>	
1 .. 1	Designer	T4294
1 .. 1	Language code	T3782
0 .. unbounded	<b>Short trade item marketing message</b>	
1 .. 1	Short trade item marketing message	T4233
1 .. 1	Language code	T3782
0 .. 1	Sequence number	T4234
0 .. unbounded	<b>Trade item key words</b>	
1 .. 1	Trade item key words	T4204
1 .. 1	Language code	T3782
0 .. 1	<b>Season</b>	
0 .. 1	Is trade item seasonal	T4120
0 .. unbounded	Season parameter code	T4121
0 .. 1	<b>Target consumer</b>	
0 .. 1	Target consumer gender	T4331
0 .. unbounded	<b>Target consumer usage</b>	
0 .. 1	Target consumer usage type code	T4276
0 .. 1	<b>Target consumer minimum usage</b>	
1 .. 1	Target consumer minimum usage	T4277
1 .. 1	Measurement unit code	T3780
0 .. 1	<b>Target consumer maximum usage</b>	
1 .. 1	Target consumer maximum usage	T4278
1 .. 1	Measurement unit code	T3780
0 .. 1	<b>Material</b>	
0 .. unbounded	<b>Material</b>	
0 .. 1	Can materials be separated manually	T4391
0 .. 1	Is designation intended for single use	T4379
0 .. 1	Number of designation units	T4380
0 .. unbounded	<b>Trade item material designation description</b>	
1 .. 1	Trade item material designation description	T4363
1 .. 1	Language code	T3782
0 .. unbounded	<b>Material statement</b>	
1 .. 1	Material statement	T4364
1 .. 1	Language code	T3782
0 .. unbounded	<b>Material composition</b>	
0 .. 1	Material code	T4365
0 .. 1	Material percentage	T4367

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Cardinality	Elements and structure	Entity id
0 .. 1	— Thread denier	T4370
<b>0 .. unbounded</b>	— <b>Material content</b>	
1 .. 1	— Material content	T4366
1 .. 1	— Language code	T3782
<b>0 .. unbounded</b>	— <b>Material density</b>	
0 .. unbounded	— Material density	T4402
1 .. 1	— Measurement unit code	T3780
<b>0 .. unbounded</b>	— <b>Material thread count</b>	
1 .. 1	— Material thread count	T4368
1 .. 1	— Language code	T3782
<b>0 .. unbounded</b>	— <b>Material weight</b>	
1 .. 1	— Material weight	T4369
1 .. 1	— Measurement unit code	T3780
<b>0 .. unbounded</b>	— <b>Raw material information</b>	
0 .. 1	— Raw material code	T4382
0 .. 1	— Raw material content percentage	T4381
<b>0 .. 1</b>	— <b>Medical device information</b>	
0 .. 1	— Has device measuring function	+ T4455
0 .. 1	— Is device exempt from implant obligations	+ T4457
0 .. 1	— Is reusable surgical instrument	+ T4456
0 .. 1	— Is trade item implantable	+ T4440
0 .. 1	— MRI compatibility code	T4274
0 .. 1	— Resistance to a surface tension reducing agent indicator	+ T4451
0 .. 1	— UDID device count	+ T4434
0 .. unbounded	— UDI production identifier type code	+ T4458
<b>0 .. 1</b>	— <b>Healthcare trade item reusability information</b>	
0 .. 1	— Manufacturer declared reusability type code	+ T4432
0 .. 1	— Maximum cycles reusable	+ T4453
<b>0 .. 1</b>	— <b>Trade item sterility information</b>	
0 .. unbounded	— Initial manufacturer sterilisation code	T4275
0 .. unbounded	— Initial sterilisation prior to use code	+ T4431
<b>0 .. 1</b>	— <b>Non-food ingredient information</b>	
<b>0 .. unbounded</b>	— <b>Non-food ingredient statement</b>	
1 .. 1	— Non-food ingredient statement	T5036
1 .. 1	— Language code	T3782
0 .. 1	— Sequence number	T4234
<b>0 .. unbounded</b>	— <b>Non-food ingredient</b>	
0 .. 1	— Is ingredient active	T4206
<b>0 .. unbounded</b>	— <b>Non-food ingredient name</b>	
1 .. 1	— Non-food ingredient name	T4205
1 .. 1	— Language code	T3782
<b>0 .. 1</b>	— <b>Nutritional information</b>	
<b>0 .. unbounded</b>	— <b>Nutrient header</b>	
0 .. 1	— Nutrient basis quantity type code	T3820
1 .. 1	— Preparation state code	T4069
<b>0 .. unbounded</b>	— <b>Daily value intake reference</b>	
1 .. 1	— Daily value intake reference	T4070
1 .. 1	— Language code	T3782
<b>0 .. 1</b>	— <b>Nutrient basis quantity</b>	
1 .. 1	— Nutrient basis quantity	T3824
1 .. 1	— Measurement unit code	T3780
<b>0 .. unbounded</b>	— <b>Nutrient basis quantity description</b>	

Cardinality	Elements and structure	Entity id
1 .. 1	—Nutrient basis quantity description	T4399
1 .. 1	—Language code	T3782
<b>0 .. unbounded</b>	<b>Nutrient</b>	
0 .. 1	—Daily value intake percent	T4076
1 .. 1	—Nutrient type code	T4073
0 .. 1	—Measurement precision code	T4075
<b>0 .. unbounded</b>	<b>Nutrient name on package</b>	
1 .. 1	—Nutrient name on package	T4407
1 .. 1	—Language code	T3782
<b>0 .. unbounded</b>	<b>Quantity contained</b>	
1 .. 1	—Quantity contained	T4074
1 .. 1	—Measurement unit code	T3780
<b>0 .. unbounded</b>	<b>Packaging information module</b>	
<b>0 .. unbounded</b>	<b>Packaging</b>	
0 .. unbounded	—Packaging feature code	T4237
0 .. unbounded	—Packaging function code	T4124
0 .. 1	—Packaging type code	T0137
0 .. unbounded	—Packaging sustainability feature code	T4372
0 .. unbounded	—Packaging terms and conditions code	T0189
0 .. 1	—Platform terms and conditions code	+ T4454
0 .. 1	—Platform type code	T2244
<b>0 .. unbounded</b>	<b>Packaging claims</b>	
0 .. 1	—Is packaging claim marked on package	T4388
0 .. 1	—Is packaging claim regulated	T4389
0 .. 1	—Packaging claim element code	T4387
0 .. 1	—Packaging claim type code	T4390
<b>0 .. 1</b>	<b>Packaging height</b>	
1 .. 1	—Packaging height	T4201
1 .. 1	—Measurement unit code	T3780
<b>0 .. unbounded</b>	<b>Packaging material</b>	
0 .. 1	—Is packaging element intended for food contact	T4426
0 .. 1	—Is packaging material recoverable	T4371
0 .. 1	—Multilayer film material composition code	T4403
0 .. 1	—Number of packaging element units	T4383
0 .. 1	—Packaging labelling coverage percentage	T4283
0 .. 1	—Packaging labelling type code	T4284
0 .. unbounded	—Packaging material adhesive solubility type code	T4385
0 .. unbounded	—Packaging material adhesive type code	T4386
0 .. unbounded	—Packaging material applied process code	T4405
0 .. 1	—Packaging material classification code reference	T4374
0 .. 1	—Packaging material colour code reference	T4243
0 .. 1	—Packaging material element code	T4354
0 .. 1	—Packaging material recycling scheme code	T4355
1 .. 1	—Packaging material type code	T1188
<b>0 .. unbounded</b>	<b>Additive information</b>	
1 .. 1	—Additive name	T4412
1 .. 1	—Level of containment code	T4413
<b>0 .. unbounded</b>	<b>Packaging material adhesive amount</b>	
0 .. unbounded	—Packaging material adhesive amount	T4384
0 .. unbounded	—Measurement unit code	T3780
<b>0 .. unbounded</b>	<b>Packaging material density</b>	
0 .. unbounded	—Packaging material density	T4404
1 .. 1	—Measurement unit code	T3780
<b>0 .. unbounded</b>	<b>Composite material detail</b>	

Cardinality	Elements and structure	Entity id
0 .. 1	—Packaging material colour code reference	T4396
1 .. 1	—Packaging material type code	T4394
<b>0 .. unbounded</b>	<b>—Packaging material composition quantity</b>	
1 .. 1	—Packaging material composition quantity	T4395
1 .. 1	—Measurement unit code	T3780
<b>0 .. 1</b>	<b>—Packaging raw material information</b>	
0 .. 1	—Packaging raw material code	T4397
0 .. 1	—Packaging raw material content percentage	T4398
<b>0 .. unbounded</b>	<b>—Packaging material composition quantity</b>	
1 .. 1	—Packaging material composition quantity	T1189
1 .. 1	—Measurement unit code	T3780
<b>0 .. unbounded</b>	<b>—Packaging raw material information</b>	
0 .. 1	—Packaging raw material code	T4285
0 .. 1	—Packaging raw material percentage	T4286
<b>0 .. 1</b>	<b>—Packaging weight</b>	
1 .. 1	—Packaging weight	T0190
1 .. 1	—Measurement unit code	T3780
<b>0 .. unbounded</b>	<b>—Returnable assets</b>	
0 .. 1	—Returnable asset GRAI	T3828
<b>0 .. unbounded</b>	<b>—Package deposit</b>	
0 .. 1	—Returnable package deposit identification	T0148
<b>0 .. unbounded</b>	<b>—Returnable assets contained quantity</b>	
1 .. 1	—Returnable assets contained quantity	T4125
1 .. 1	—Measurement unit code	T3780
<b>0 .. 1</b>	<b>—Marking</b>	
0 .. 1	—Has batch number	T4272
0 .. 1	—Is packaging marked returnable	T0277
0 .. unbounded	—Packaging marked label accreditation code	T3777
0 .. unbounded	—Packaging marked language code	T4400
<b>0 .. unbounded</b>	<b>—Date marking</b>	
0 .. unbounded	—Trade item date on packaging format name	T3362
0 .. 1	—Trade item date on packaging type code	T4032
<b>0 .. 1</b>	<b>—Item activity</b>	
0 .. unbounded	—Country of origin	T0168
<b>0 .. unbounded</b>	<b>—Provenance statement</b>	
1 .. 1	—Provenance statement	T4202
1 .. 1	—Language code	T3782
<b>0 .. unbounded</b>	<b>—Import classification</b>	
1 .. 1	—Import classification type code	* T3849
0 .. unbounded	—Import classification value	* T3302
<b>0 .. unbounded</b>	<b>—Product activity details</b>	
1 .. 1	—Country of activity	T4375
1 .. 1	—Product activity type code	T4235
<b>0 .. unbounded</b>	<b>—Product characteristics</b>	
1 .. 1	—Product characteristic code	T4265
0 .. unbounded	—Product characteristic value integer	T4301
<b>0 .. unbounded</b>	<b>—Product characteristic value description</b>	
1 .. 1	—Product characteristic value description	T4324
1 .. 1	—Language code	T3782
<b>0 .. unbounded</b>	<b>—Product characteristic value measurement</b>	
1 .. 1	—Product characteristic value measurement	T4300
1 .. 1	—Measurement unit code	T3780
<b>0 .. 1</b>	<b>—ProductInformation Module</b>	

0..1 = no or only one occurrence | 1..1 = occurs exactly once

0..unbounded = no or several occurrences | 1.. unbounded = one or several occurrences

Choice = only one of underlying entities/classes occurs

\* Changed attribute, + new attribute. For a detailed change history, see separate document.

Cardinality	Elements and structure	Entity id
0 .. 1	<b>Product information detail</b>	
0 .. unbounded	— Formation Type Code	T4345
0 .. unbounded	— Time of application code	T4346
0 .. unbounded	<b>Claim description</b>	
1 .. 1	— Claim description	T4356
1 .. 1	— Language code	T3782
0 .. unbounded	<b>Claim detail</b>	
0 .. 1	— Claim marked on package	T4357
0 .. 1	— Claim type code	T4358
0 .. 1	— Claim element code	T4359
0 .. 1	<b>Beauty personal care hygiene detail</b>	
0 .. 1	<b>Hair product information</b>	
0 .. unbounded	— Hair product function or treatment code	T4349
0 .. unbounded	— Target hair type code	T4350
0 .. unbounded	— Natural hair colour code	T4351
0 .. 1	<b>Skin product information</b>	
0 .. unbounded	— Skin product function or treatment code	T4347
0 .. unbounded	— Target skin type code	T4348
0 .. 1	<b>Organism classification module</b>	
0 .. unbounded	<b>Organism classification</b>	
0 .. 1	— Genus	T4325
0 .. 1	— Species	T4326
0 .. unbounded	<b>File reference</b>	
0 .. 1	— File effective end date time	+ T4474
0 .. 1	— File effective start date time	+ T4473
1 .. 1	— Referenced file type code	T2231
0 .. 1	— File name	T2233
0 .. 1	— Is primary file	T4329
0 .. 1	— File format name	T2238
0 .. 1	— Uniform Resource Identifier	T3405
0 .. unbounded	<b>Content description</b>	
1 .. 1	— Content description	T2232
1 .. 1	— Language code	T3782
0 .. unbounded	<b>Item regulation</b>	
0 .. unbounded	— Regulation type code	T3825
0 .. 1	— Regulatory act	T5039
0 .. 1	— Regulatory agency	T5040
0 .. 1	— Is trade item regulation compliant	T4308
0 .. 1	— Regulatory act compliance level code	T4309
0 .. unbounded	<b>Regulatory permit</b>	
0 .. 1	— Permit start date time	T5042
1 .. 1	— Regulatory permit identification	T5041
0 .. unbounded	<b>Safety data</b>	
0 .. 1	— GHS signal words code	T5044
0 .. unbounded	— GHS Symbol description code	T3745
0 .. 1	— SDS sheet effective date time	+ T4489
0 .. 1	— SDS sheet version	+ T4490
0 .. 1	<b>REACH information</b>	
0 .. 1	— Is substance of very high concern	+ T4462
0 .. 1	— Is trade item REACH relevant	+ T4463
0 .. unbounded	<b>Chemical information</b>	
0 .. 1	— Chemical ingredient scheme	+ T4503
0 .. unbounded	<b>Chemical ingredient</b>	

Cardinality	Elements and structure	Entity id
0 .. 1	—Chemical ingredient identification	+ T4504
0 .. unbounded	—Chemical ingredient name	T3778
0 .. 1	—REACH chemical registration number	+ T4488
<b>0 .. unbounded</b>	<b>Hazard statement</b>	
0 .. 1	—Hazard statements code	T5047
<b>0 .. unbounded</b>	<b>Hazard statements description</b>	
1 .. 1	—Hazard statements description	T5048
1 .. 1	—Language code	T3782
<b>0 .. unbounded</b>	<b>Precautionary statement</b>	
0 .. 1	—Precautionary statements code	T5049
<b>0 .. unbounded</b>	<b>Precautionary statements description</b>	
1 .. 1	—Precautionary statements description	T5050
1 .. 1	—Language code	T3782
<b>0 .. 1</b>	<b>Sales information</b>	
0 .. unbounded	—Consumer sales condition code	T4131
0 .. 1	—Is base price declaration relevant	+ T4508
0 .. 1	—Price comparison content type code	T0145
<b>0 .. unbounded</b>	<b>Applicable allowance charge</b>	
0 .. 1	—Allowance charge percentage	+ T4480
1 .. 1	—Allowance charge type code	+ T4481
1 .. 1	—Allowance or charge type	+ T4482
<b>0 .. 1</b>	<b>Allowance charge amount</b>	
1 .. 1	—Allowance charge amount	+ T4509
1 .. 1	—Currency code	T0204
<b>0 .. unbounded</b>	<b>Allowance charge description</b>	
1 .. 1	—Allowance charge description	+ T4479
1 .. 1	—Language code	T3782
<b>0 .. 1</b>	<b>Amount per unit</b>	
0 .. 1	—Amount per unit	+ T4483
0 .. 1	—Currency code	T0204
<b>0 .. unbounded</b>	<b>Price comparison measurement</b>	
1 .. 1	—Price comparison measurement	T0147
1 .. 1	—Measurement unit code	T3780
<b>0 .. 1</b>	<b>Trade item price information</b>	
0 .. unbounded	—Card price group identifier	+ T4461
<b>0 .. 1</b>	<b>Sustainability</b>	
0 .. 1	—Is trade item RoHS compliant	T2522
<b>0 .. unbounded</b>	<b>Carbon footprint header</b>	
0 .. unbounded	—Cfp country code	* T4415
0 .. 1	—Cfp date	* T4416
0 .. 1	—Cfp value verification code	T4417
<b>0 .. unbounded</b>	<b>Carbon footprint detail</b>	
0 .. 1	—Cfp accounting code	* T4422
0 .. unbounded	—Cfp boundaries code	* T4418
0 .. 1	—Cfp methodology code	* T4421
0 .. 1	—Does carbon footprint include packaging	+ T4427
<b>0 .. unbounded</b>	<b>Cfp functional unit</b>	
0 .. unbounded	—Cfp functional unit	* T4420
1 .. 1	—Language code	T3782
<b>0 .. unbounded</b>	<b>Cfp value</b>	
0 .. unbounded	—Cfp value	* T4419
1 .. 1	—Cfp value measurement unit code	* T4423
<b>0 .. unbounded</b>	<b>Data carrier</b>	

Cardinality	Elements and structure	Entity id
0 .. unbounded	Application identifier type code	T3748
0 .. 1	Data carrier presence code	T3747
0 .. 1	Data carrier type code	T4310
<b>0 .. 1</b>	<b>Description</b>	
<b>0 .. unbounded</b>	<b>Additional trade item description</b>	
1 .. 1	Additional trade item description	+ T4429
1 .. 1	Language code	T3782
<b>0 .. unbounded</b>	<b>Functional name</b>	
1 .. 1	Functional name	T0018
1 .. 1	Language code	T3782
<b>0 .. 1</b>	<b>Brand name</b>	
1 .. 1	Brand name	T0143
0 .. 1	Subbrand	T2230
<b>0 .. unbounded</b>	<b>Description short</b>	
1 .. 1	Description short	T3337
1 .. 1	Language code	T3782
<b>0 .. unbounded</b>	<b>Regulated product name</b>	
1 .. 1	Regulated product name	T4800
1 .. 1	Language code	T3782
<b>0 .. unbounded</b>	<b>Variant description</b>	
1 .. unbounded	Variant description	T4344
1 .. 1	Language code	T3782
<b>0 .. unbounded</b>	<b>Trade item description</b>	
1 .. 1	Trade item description	T3810
1 .. 1	Language code	T3782
<b>0 .. unbounded</b>	<b>Colour</b>	
<b>0 .. 1</b>	<b>Colour code</b>	
1 .. 1	Colour code	T2242
1 .. 1	Colour code list code	T2241
<b>0 .. unbounded</b>	<b>Colour description</b>	
1 .. 1	Colour description	T2243
1 .. 1	Language code	T3782
<b>0 .. 1</b>	<b>Disposal</b>	
0 .. 1	Are hazardous components removable	T4144
0 .. unbounded	Waste code	+ T4445
<b>0 .. 1</b>	<b>Handling</b>	
0 .. unbounded	Handling instructions code reference	T4040
<b>0 .. unbounded</b>	<b>Stacking factor</b>	
0 .. 1	Stacking factor	T0157
0 .. 1	Stacking factor type code	T3848
<b>0 .. 1</b>	<b>Hierarchy</b>	
0 .. 1	Is trade item packed irregularly	T2239
0 .. 1	Quantity of complete layers contained in a trade item	T4021
0 .. 1	Quantity of trade items contained in a complete layer	T0160
<b>0 .. 1</b>	<b>Layer height</b>	
1 .. 1	Layer height	T3379
1 .. 1	Measurement unit code	T3780
<b>0 .. unbounded</b>	<b>Humidity</b>	
0 .. 1	Humidity qualifier code	T3847
0 .. 1	Maximum humidity percentage	T0166
0 .. 1	Minimum humidity percentage	T0165
<b>0 .. 1</b>	<b>Lifespan</b>	
0 .. 1	Minimum trade item lifespan from time of arrival	+ T0185

Cardinality	Elements and structure	Entity id
0 .. 1	— <i>Minimum trade item lifespan from time of production</i>	T0167
0 .. 1	— <i>Opened trade item lifespan</i>	T2521
<b>0 .. unbounded</b>	<b>— <i>Average life</i></b>	
1 .. 1	— <i>Average life</i>	+ T4498
1 .. 1	— <i>Time measurement unit code</i>	T4270
<b>0 .. unbounded</b>	<b>— <i>Item period safe to use after opening</i></b>	
1 .. 1	— <i>Item period safe to use after opening</i>	T4269
1 .. 1	— <i>Time measurement unit code</i>	T4270
<b>0 .. 1</b>	<b>— <i>Measurements</i></b>	
<b>0 .. 1</b>	<b>— <i>Trade item measurements, depth</i></b>	
1 .. 1	— <i>Trade item measurements, depth</i>	T4018
1 .. 1	— <i>Measurement unit code</i>	T3780
<b>0 .. 1</b>	<b>— <i>Trade item measurements, height</i></b>	
1 .. 1	— <i>Trade item measurements, height</i>	T4019
1 .. 1	— <i>Measurement unit code</i>	T3780
<b>0 .. 1</b>	<b>— <i>Trade item measurements, width</i></b>	
1 .. 1	— <i>Trade item measurements, width</i>	T4017
1 .. 1	— <i>Measurement unit code</i>	T3780
<b>0 .. unbounded</b>	<b>— <i>Additional dimensions</i></b>	
1 .. 1	— <i>Dimension type code</i>	T3816
<b>0 .. unbounded</b>	<b>— <i>Additional width</i></b>	
1 .. 1	— <i>Additional trade item dimensions, width</i>	T3817
1 .. 1	— <i>Measurement unit code</i>	T3780
<b>0 .. unbounded</b>	<b>— <i>Additional height</i></b>	
1 .. 1	— <i>Additional trade item dimensions, height</i>	T3818
1 .. 1	— <i>Measurement unit code</i>	T3780
<b>0 .. unbounded</b>	<b>— <i>Additional depth</i></b>	
1 .. 1	— <i>Additional trade item dimensions, depth</i>	T3819
1 .. 1	— <i>Measurement unit code</i>	T3780
<b>0 .. unbounded</b>	<b>— <i>Nesting</i></b>	
0 .. 1	— <i>Nesting direction code</i>	T2236
<b>0 .. unbounded</b>	<b>— <i>Nesting increment</i></b>	
1 .. 1	— <i>Nesting increment</i>	T3378
1 .. 1	— <i>Measurement unit code</i>	T3780
<b>0 .. 1</b>	<b>— <i>Trade item composition width</i></b>	
1 .. 1	— <i>Trade item composition width</i>	T0191
1 .. 1	— <i>Measurement unit code</i>	T3780
<b>0 .. unbounded</b>	<b>— <i>Net content</i></b>	
1 .. 1	— <i>Net content</i>	T0082
1 .. 1	— <i>Measurement unit code</i>	T3780
<b>0 .. unbounded</b>	<b>— <i>Net content statement</i></b>	
1 .. 1	— <i>Net content statement</i>	T4305
1 .. 1	— <i>Language code</i>	T3782
<b>0 .. 1</b>	<b>— <i>Trade item weight</i></b>	
<b>0 .. 1</b>	<b>— <i>Trade item gross weight</i></b>	
1 .. 1	— <i>Trade item gross weight</i>	T4020
1 .. 1	— <i>Measurement unit code</i>	T3780
<b>0 .. 1</b>	<b>— <i>Trade item net weight</i></b>	
1 .. 1	— <i>Trade item net weight</i>	T4330
1 .. 1	— <i>Measurement unit code</i>	T3780
<b>0 .. 1</b>	<b>— <i>Trade item size</i></b>	
<b>0 .. unbounded</b>	<b>— <i>Non packaged size dimension</i></b>	
0 .. 1	— <i>Size type code</i>	T4362

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Cardinality	Elements and structure	Entity id
<b>0 .. unbounded</b>	<b>Size dimension</b>	
1 .. 1	—Size dimension	T4361
1 .. 1	—Measurement unit code	T3780
<b>0 .. unbounded</b>	<b>Descriptive size dimension</b>	
1 .. 1	—Descriptive size dimension	T4360
1 .. 1	—Language code	T3782
<b>0 .. 1</b>	<b>Temperature</b>	
0 .. 1	—Trade item temperature condition type code	T4242
<b>0 .. unbounded</b>	<b>Temperature information</b>	
0 .. 1	—Temperature qualifier code	T3822
<b>0 .. unbounded</b>	<b>Cumulative temperature interruption acceptable time span instructions</b>	
1 .. 1	—Cumulative temperature interruption acceptable time span instructions	+ T4439
1 .. 1	—Language code	T3782
<b>0 .. unbounded</b>	<b>Maximum process temperature timespan</b>	
1 .. 1	—Maximum process temperature timespan	+ T4460
1 .. 1	—Time measurement unit code	T4270
<b>0 .. 1</b>	<b>Maximum temperature</b>	
1 .. 1	—Maximum temperature	T3796
1 .. 1	—Temperature measurement unit code	T3781
<b>0 .. unbounded</b>	<b>Minimum process temperature timespan</b>	
1 .. 1	—Minimum process temperature timespan	+ T4459
1 .. 1	—Time measurement unit code	T4270
<b>0 .. 1</b>	<b>Minimum temperature</b>	
1 .. 1	—Minimum temperature	T3797
1 .. 1	—Temperature measurement unit code	T3781
<b>0 .. unbounded</b>	<b>Dangerous goods</b>	
0 .. unbounded	—ADR tunnel restriction code	T3741
0 .. 1	—Dangerous goods regulation code	+ T4022
0 .. 1	—Dangerous goods limited quantities code	T4247
<b>0 .. unbounded</b>	<b>Flash point temperature</b>	
1 .. 1	—Flash point temperature	T4023
1 .. 1	—Temperature measurement unit code	T3781
<b>0 .. unbounded</b>	<b>Hazardous material additional information</b>	
1 .. 1	—Hazardous material additional information	T4141
1 .. 1	—Language code	T3782
<b>0 .. unbounded</b>	<b>Hazardous information detail</b>	
0 .. 1	—Class of dangerous goods	T0263
0 .. 1	—Dangerous goods classification code	T3743
0 .. unbounded	—Dangerous goods hazardous code	+ T4025
0 .. 1	—Dangerous goods packing group	T0264
0 .. unbounded	—Dangerous goods special provisions	T4142
0 .. 1	—Transport category code	T3744
0 .. 1	—United Nations dangerous goods number	T0169
<b>0 .. 1</b>	<b>Dangerous goods shipping name</b>	
1 .. 1	—Dangerous goods shipping name	T4026
0 .. 1	—Language code	T3782
<b>0 .. unbounded</b>	<b>Dangerous goods technical name</b>	
1 .. 1	—Dangerous goods technical name	T4027
1 .. 1	—Language code	T3782
<b>0 .. 1</b>	<b>Net mass of explosives</b>	
1 .. 1	—Net mass of explosives	T4303
1 .. 1	—Measurement unit code	T3780

Cardinality	Elements and structure	Entity id
0 .. unbounded	<b>Hazardous label</b>	
1 .. 1	Dangerous hazardous label number	T4143
0 .. 1	Dangerous hazardous label sequence number	T4751
0 .. 1	<b>Variable unit</b>	
0 .. 1	Is trade item a variable unit	T0186
0 .. 1	<b>Video display device information</b>	
0 .. 1	Screen refresh rate	T4298
0 .. 1	<b>Display screen information</b>	
0 .. unbounded	<b>Display screen size</b>	
1 .. 1	Display screen size	T4299
1 .. 1	Measurement unit code	T3780
0 .. unbounded	<b>Warranty</b>	
0 .. 1	<b>Warranty duration</b>	
1 .. 1	Warranty duration	T2229
1 .. 1	Measurement unit code	T3780