

Cardinality	Elements and structure	Entity id
Trade item information		
1 .. 1	Trade item header	
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	Information provider	
1 .. 1	Information provider of trade item GLN	T1124
0 .. 1	Information provider of trade item, name	T3807
0 .. 1	Manufacturer	
0 .. 1	Manufacturer of trade item GLN	T1115
0 .. 1	Manufacturer of trade item, name	T3811
0 .. 1	Brand owner	
0 .. 1	Brand owner GLN	T3750
0 .. 1	Brand owner, name	T3752
0 .. 1	Additional parties	
0 .. 1	Party address	T4487
0 .. 1	Party GLN	T3786
0 .. 1	Party, name	T3787
0 .. 1	Party role code	T3788
0 .. 1	Trade item dates	
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	Trade item identities	
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	Is trade item a service	+ T4119
0 .. 1	Trade item unit descriptor code	T4010
0 .. unbounded	Additional trade item identities	
1 .. 1	Additional trade item identification	T3798
1 .. 1	Additional trade item identification type code	T3799
0 .. unbounded	Reference to trade item	
1 .. 1	Referenced trade item GTIN	T3793
1 .. 1	Referenced trade item type code	T3794
0 .. 1	GPC classification category	
1 .. 1	GPC category code	T0280
0 .. 1	Additional trade item classification	
0 .. 1	Additional trade item classification system code	T4238
0 .. unbounded	Additional trade item classification code description	
1 .. 1	Additional trade item classification code description	T4486
1 .. 1	Language code	T3782
0 .. unbounded	Additional trade item classification value	
1 .. 1	Additional trade item classification code value	T4239

Cardinality	Elements and structure	Entity id
0 .. 1	—Additional trade item classification version	T4468
0 .. unbounded	— Additional trade item classification property	
1 .. 1	—Additional trade item classification property code	T4469
0 .. 1	—Property code	T4472
0 .. 1	—Property float	T4470
0 .. 1	—Property string	T4471
0 .. 1	— Contact	
1 .. 1	—Contact type code	T3792
0 .. 1	—Contact, address	T3791
0 .. 1	—Contact, name	T3790
0 .. 1	—Contact GLN	T3789
0 .. unbounded	— Target market communication channel	
0 .. unbounded	— Communication channel	
1 .. 1	—Communication channel code	T4392
1 .. 1	—Communication value	T4393
0 .. unbounded	— Target market	
1 .. 1	—Target market country code	T4406
0 .. 1	— Global model information	
1 .. 1	—Global model number, GMN	T4352
0 .. unbounded	— Global model description	
1 .. 1	—Global model description	T4353
1 .. 1	—Language code	T3782
0 .. 1	— Trade item components	
0 .. 1	—Total quantity of components	T3832
0 .. 1	—Number of unique components	T3833
0 .. 1	—Multiple container quantity	T3838
0 .. unbounded	— Component information	
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	— Component description	
1 .. 1	—Component description	T3835
1 .. 1	—Language code	T3782
0 .. 1	— Modules	
0 .. 1	— Packaging hierarchy	
1 .. 1	—Quantity of children	T4034
1 .. 1	—Total quantity of next lower level trade item	T4035
1 .. unbounded	— Trade item hierarchy	
1 .. 1	—Child trade item GTIN	T2045
1 .. 1	—Quantity of next lower level trade item	T3361
0 .. 1	— Modules	
0 .. 1	— Alcohol	
0 .. 1	— Alcohol information	
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

Cardinality	Elements and structure	Entity id
0 .. unbounded	Alcohol beverage age	
1 .. 1	Alcohol beverage age	T4316
1 .. 1	Time measurement unit code	T4270
0 .. unbounded	Alcoholic beverage sugar content	
1 .. 1	Alcoholic beverage sugar content	T4271
1 .. 1	Measurement unit code	T3780
0 .. unbounded	Bitterness of beer measurement	
1 .. 1	Bitterness of beer measurement	T4315
1 .. 1	Bitterness of beer measurement unit code	T4333
0 .. 1	Allergens	
0 .. unbounded	Allergen related information	
0 .. unbounded	Allergen statement	
1 .. 1	Allergen statement	T4077
1 .. 1	Language code	T3782
0 .. unbounded	Allergen	
1 .. 1	Allergen type code	T4078
1 .. 1	Level of containment code	T4079
0 .. 1	Animal feeding information	
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	Feed additive statement	
1 .. 1	Feed additive statement	T4250
1 .. 1	Language code	T3782
0 .. unbounded	Feed analytical constituents statement	
1 .. 1	Feed analytical constituents statement	T4249
1 .. 1	Language code	T3782
0 .. unbounded	Feed composition statement	
1 .. 1	Feed composition statement	T4248
1 .. 1	Language code	T3782
0 .. unbounded	Feeding instructions	
1 .. 1	Feeding instructions	T4251
1 .. 1	Language code	T3782
0 .. unbounded	Animal feeding	
0 .. unbounded	Animal feeding detail	
0 .. unbounded	Feeding amount	
1 .. 1	Feeding amount	T4212
1 .. 1	Measurement unit code	T3780
0 .. unbounded	Maximum feeding amount	
1 .. 1	Maximum feeding amount	T4214
1 .. 1	Measurement unit code	T3780
0 .. unbounded	Minimum feeding amount	
1 .. 1	Minimum feeding amount	T4215
1 .. 1	Measurement unit code	T3780
0 .. unbounded	Recommended frequency of feeding	
1 .. 1	Recommended frequency of feeding	T4216
1 .. 1	Language code	T3782
0 .. unbounded	Feed life stage	
1 .. 1	Feed life stage	T4208
1 .. 1	Language code	T3782

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Cardinality	Elements and structure	Entity id
0 .. unbounded	Maximum weight of animal being fed	
1 .. 1	Maximum weight of animal being fed	T4209
1 .. 1	Measurement unit code	T3780
0 .. unbounded	Minimum weight of animal being fed	
1 .. 1	Minimum weight of animal being fed	T4210
1 .. 1	Measurement unit code	T3780
0 .. 1	Audio visual media product description	
0 .. unbounded	Genre type code reference	T4287
0 .. 1	Batteries	
0 .. 1	Are batteries included	T3800
0 .. 1	Are batteries required	T3801
0 .. unbounded	Battery detail	
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	Battery weight	
1 .. 1	Battery weight	T4147
1 .. 1	Measurement unit code	T3780
0 .. 1	Certification information module	
0 .. unbounded	Certification information	
0 .. 1	Certification agency	T4441
0 .. 1	Certification standard	T4497
0 .. unbounded	Additional certification organisation identifier	
1 .. 1	Additional certification organisation identifier	T4444
1 .. 1	Additional party identification type code	T4433
0 .. unbounded	Certification	
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	Chemical regulation information module	
0 .. unbounded	Registration information	
0 .. 1	Registration agency	T4464
0 .. unbounded	Registration number	T4465
0 .. 1	Consumer Instructions	
0 .. unbounded	Required education or training type code	T4446
0 .. unbounded	Cleaning disinfecting information	
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	Consumer storage instructions	
1 .. 1	Consumer storage instructions	T3775
1 .. 1	Language code	T3782
0 .. unbounded	Consumer usage instructions	
1 .. 1	Consumer usage instructions	T3776
1 .. 1	Language code	T3782
0 .. unbounded	Consumer recycling instructions	
1 .. 1	Consumer recycling instructions	T4306

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Cardinality	Elements and structure	Entity id
1 .. 1	Language code	T3782
0 .. 1	Dairy fish meat poultry item	
0 .. unbounded	Fish reporting information	
0 .. unbounded	Fish seafood presentation code	T4401
0 .. 1	Species for fishery statistics purposes code	T4228
0 .. 1	Species for fishery statistics purposes name	T4229
0 .. unbounded	Fish catch information	
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
1 .. 1	Delivery purchasing information module	
0 .. 1	Delivery purchasing information	
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
0 .. unbounded	Distribution details	
0 .. unbounded	Ordering lead time	
1 .. 1	Ordering lead time	T4475
1 .. 1	Measurement unit code	T3780
0 .. unbounded	Order sizing factor	
1 .. 1	Order sizing factor	T4467
1 .. 1	Measurement unit code	T3780
0 .. 1	Diet information module	
0 .. unbounded	Diet type information	
1 .. 1	Diet type code	T4066
0 .. 1	Diet type subcode	T4279
0 .. 1	Is diet type marked on package	T4312
0 .. 1	Durable goods characteristics	
0 .. unbounded	Trade item finish description	
1 .. 1	Trade item finish description	T4302
1 .. 1	Language code	T3782
0 .. 1	Duty fee tax information module	
1 .. unbounded	Duty fee tax information	
0 .. 1	Duty fee tax agency code	T4033
0 .. 1	Duty fee tax country code	T4500
1 .. 1	Duty fee tax type code	T0194
0 .. unbounded	Duty fee tax type description	
1 .. 1	Duty fee tax type description	T4499
1 .. 1	Language code	T3782
0 .. unbounded	Duty fee tax	
0 .. 1	Duty fee tax category code	T4428
0 .. 1	Duty fee tax rate	T0195
0 .. 1	Duty fee tax amount	
1 .. 1	Duty fee tax amount	T4501
1 .. 1	Currency code	T0204

Cardinality	Elements and structure	Entity id
0 .. unbounded	Duty fee tax basis	
1 .. 1	—Duty fee tax basis	T4502
1 .. 1	—Measurement unit code	T3780
0 .. 1	Ingredients	
0 .. unbounded	Ingredient statement	
1 .. 1	—Ingredient statement	T4088
1 .. 1	—Language code	T3782
0 .. 1	—Sequence number	T4234
0 .. unbounded	Food and beverage ingredient	
0 .. 1	—Ingredient content percentage	+ T4515
0 .. unbounded	—Ingredient name	+ T4094
0 .. 1	—Ingredient sequence	+ T4065
0 .. 1	Ingredient place of activity	
1 .. 1	—Country of activity	+ T4517
1 .. 1	—Product activity type code	+ T4516
0 .. 1	Farming and processing information	
0 .. 1	Trade item farming and processing	
0 .. unbounded	—Preservation technique code	T4246
0 .. 1	Trade item organic information	
0 .. 1	—Organic product place of farming code	T4376
0 .. unbounded	Organic claim	
0 .. 1	—Organic trade item code	T4377
0 .. unbounded	Organic certification	
1 .. 1	—Organic certification identification	T4378
0 .. 1	Preparation and serving	
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
0 .. unbounded	Preparation	
0 .. 1	—Preparation type code	T4082
0 .. unbounded	Maximum optimum consumption temperature	
1 .. 1	—Maximum optimum consumption temperature	T4136
1 .. 1	—Temperature measurement unit code	T3781
0 .. unbounded	Minimum optimum consumption temperature	
1 .. 1	—Minimum optimum consumption temperature	T4137
1 .. 1	—Temperature measurement unit code	T3781
0 .. unbounded	Preparation instructions	
1 .. 1	—Preparation instructions	T4083
1 .. 1	—Language code	T3782
0 .. unbounded	Serving suggestion	
1 .. 1	—Serving suggestion	T4091
1 .. 1	—Language code	T3782
0 .. 1	Healthcare item information	
0 .. 1	—Does trade item contain human tissue	T4435
0 .. 1	—Does trade item contain latex	T4273
0 .. unbounded	—Prescription type code	T4373
0 .. unbounded	Clinical size	
0 .. 1	—Clinical size type code	T4436
0 .. unbounded	Clinical size value	
1 .. 1	—Clinical size value	T4478
1 .. 1	—Measurement unit code	T3780

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Cardinality	Elements and structure	Entity id
0 .. unbounded	Clinical size description	
1 .. 1	— Clinical size description	T4438
1 .. 1	— Language code	T3782
0 .. unbounded	Clinical size value maximum	
1 .. 1	— Clinical size value maximum	T4437
1 .. 1	— Measurement unit code	T3780
0 .. 1	Health	
0 .. 1	— Sun protection factor	T4281
0 .. unbounded	Compulsory additive label information	
1 .. 1	— Compulsory additive label information	T3850
1 .. 1	— Language code	T3782
0 .. 1	Lighting device module	
0 .. unbounded	Light output	
1 .. 1	— Light output	T4293
1 .. 1	— Measurement unit code	T3780
0 .. unbounded	Light bulb information	
0 .. 1	— Light bulb lamp type code	T4291
0 .. 1	— Light bulb base type	T4307
0 .. unbounded	Colour temperature	
1 .. 1	— Colour temperature	T4292
1 .. 1	— Temperature measurement unit code	T3781
0 .. 1	Marketing information	
0 .. unbounded	— Trade item feature code reference	T3826
0 .. unbounded	Grade code reference	
1 .. 1	— Grade code reference	T4327
0 .. 1	— Grade code reference agency	T4328
0 .. unbounded	Trade item marketing message	
1 .. 1	— Trade item marketing message	T3746
1 .. 1	— Language code	T3782
0 .. 1	— Sequence number	T4234
0 .. unbounded	Designer	
1 .. 1	— Designer	T4294
1 .. 1	— Language code	T3782
0 .. unbounded	Short trade item marketing message	
1 .. 1	— Short trade item marketing message	T4233
1 .. 1	— Language code	T3782
0 .. 1	— Sequence number	T4234
0 .. unbounded	Trade item key words	
1 .. 1	— Trade item key words	T4204
1 .. 1	— Language code	T3782
0 .. 1	Season	
0 .. 1	— Is trade item seasonal	T4120
0 .. unbounded	— Season parameter code	T4121
0 .. 1	Target consumer	
0 .. 1	— Target consumer gender	T4331
0 .. unbounded	Target consumer usage	
0 .. 1	— Target consumer usage type code	T4276
0 .. 1	Target consumer minimum usage	
1 .. 1	— Target consumer minimum usage	T4277
1 .. 1	— Measurement unit code	T3780
0 .. 1	Target consumer maximum usage	
1 .. 1	— Target consumer maximum usage	T4278
1 .. 1	— Measurement unit code	T3780

Cardinality	Elements and structure	Entity id
0 .. 1	Material	
0 .. unbounded	Material	
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	Trade item material designation description	
1 .. 1	Trade item material designation description	T4363
1 .. 1	Language code	T3782
0 .. unbounded	Material statement	
1 .. 1	Material statement	T4364
1 .. 1	Language code	T3782
0 .. unbounded	Material composition	
0 .. 1	Material code	T4365
0 .. 1	Material percentage	T4367
0 .. 1	Thread denier	T4370
0 .. unbounded	Material content	
1 .. 1	Material content	T4366
1 .. 1	Language code	T3782
0 .. unbounded	Material density	
1 .. 1	Material density	T4402
1 .. 1	Measurement unit code	T3780
0 .. unbounded	Material thread count	
1 .. 1	Material thread count	T4368
1 .. 1	Language code	T3782
0 .. unbounded	Material weight	
1 .. 1	Material weight	T4369
1 .. 1	Measurement unit code	T3780
0 .. unbounded	Raw material information	
0 .. 1	Raw material code	T4382
0 .. 1	Raw material content percentage	T4381
0 .. 1	Medical device trade item information	
0 .. 1	Medical device information	
0 .. unbounded	Device fill code	+ T4510
0 .. 1	Device shape code	+ T4511
0 .. 1	Device texture code	+ T4505
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
0 .. 1	Trade item sterility information	
0 .. unbounded	Initial manufacturer sterilisation code	T4275
0 .. unbounded	Initial sterilisation prior to use code	T4431
0 .. 1	Healthcare trade item reusability information	
0 .. 1	Manufacturer declared reusability type code	T4432
0 .. 1	Maximum cycles reusable	T4453
0 .. 1	Non-food ingredient information	
0 .. unbounded	Non-food ingredient statement	
1 .. 1	Non-food ingredient statement	T5036
	Language code	T3782

Cardinality	Elements and structure	Entity id
1 .. 1	Sequence number	T4234
0 .. unbounded	Non-food ingredient	
0 .. 1	Is ingredient active	T4206
0 .. unbounded	Non-food ingredient name	
1 .. 1	Non-food ingredient name	T4205
1 .. 1	Language code	T3782
0 .. 1	Nutritional information	
0 .. unbounded	Nutrient header	
0 .. 1	Nutrient basis quantity type code	T3820
1 .. 1	Preparation state code	T4069
0 .. unbounded	Daily value intake reference	
1 .. 1	Daily value intake reference	T4070
1 .. 1	Language code	T3782
0 .. 1	Nutrient basis quantity	
1 .. 1	Nutrient basis quantity	T3824
1 .. 1	Measurement unit code	T3780
0 .. unbounded	Nutrient basis quantity description	
1 .. 1	Nutrient basis quantity description	T4399
1 .. 1	Language code	T3782
0 .. unbounded	Nutrient	
0 .. 1	Daily value intake percent	T4076
1 .. 1	Nutrient type code	T4073
0 .. 1	Measurement precision code	T4075
0 .. unbounded	Nutrient name on package	
1 .. 1	Nutrient name on package	T4407
1 .. 1	Language code	T3782
0 .. unbounded	Quantity contained	
1 .. 1	Quantity contained	T4074
1 .. 1	Measurement unit code	T3780
0 .. unbounded	Packaging information module	
0 .. unbounded	Packaging	
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
0 .. unbounded	Packaging claims	
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
0 .. 1	Packaging height	
1 .. 1	Packaging height	T4201
1 .. 1	Measurement unit code	T3780
0 .. unbounded	Packaging material	
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

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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
0 .. unbounded	Additive information	
1 .. 1	—Additive name	T4412
1 .. 1	—Level of containment code	T4413
0 .. unbounded	Packaging material adhesive amount	
1 .. 1	—Packaging material adhesive amount	T4384
1 .. 1	—Measurement unit code	T3780
0 .. unbounded	Packaging material density	
1 .. 1	—Packaging material density	T4404
1 .. 1	—Measurement unit code	T3780
0 .. unbounded	Composite material detail	
0 .. 1	—Packaging material colour code reference	T4396
1 .. 1	—Packaging material type code	T4394
0 .. unbounded	Packaging material composition quantity	
1 .. 1	—Packaging material composition quantity	T4395
1 .. 1	—Measurement unit code	T3780
0 .. 1	Packaging raw material information	
0 .. 1	—Packaging raw material code	T4397
0 .. 1	—Packaging raw material content percentage	T4398
0 .. unbounded	Packaging material composition quantity	
1 .. 1	—Packaging material composition quantity	T1189
1 .. 1	—Measurement unit code	T3780
0 .. unbounded	Packaging raw material information	
0 .. 1	—Packaging raw material code	T4285
0 .. 1	—Packaging raw material percentage	T4286
0 .. 1	Packaging weight	
1 .. 1	—Packaging weight	T0190
1 .. 1	—Measurement unit code	T3780
0 .. unbounded	Returnable assets	
0 .. 1	—Returnable asset GRAI	T3828
0 .. unbounded	Package deposit	
0 .. 1	—Returnable package deposit identification	T0148
0 .. unbounded	Returnable assets contained quantity	
1 .. 1	—Returnable assets contained quantity	T4125
1 .. 1	—Measurement unit code	T3780
0 .. 1	Marking	
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
0 .. unbounded	Date marking	
0 .. unbounded	—Trade item date on packaging format name	T3362
0 .. 1	—Trade item date on packaging type code	T4032
0 .. 1	Item activity	
0 .. unbounded	—Country of origin	T0168

Cardinality	Elements and structure	Entity id
0 .. unbounded	Provenance statement	
1 .. 1	Provenance statement	T4202
1 .. 1	Language code	T3782
0 .. unbounded	Import classification	
1 .. 1	Import classification type code	T3849
0 .. unbounded	Import classification value	T3302
0 .. unbounded	Product activity details	
1 .. 1	Country of activity	T4375
1 .. 1	Product activity type code	T4235
0 .. unbounded	Product characteristics	
1 .. 1	Product characteristic code	T4265
0 .. unbounded	Product characteristic value integer	T4301
0 .. unbounded	Product characteristic value description	
1 .. 1	Product characteristic value description	T4324
1 .. 1	Language code	T3782
0 .. unbounded	Product characteristic value measurement	
1 .. 1	Product characteristic value measurement	T4300
1 .. 1	Measurement unit code	T3780
1 .. 1	Product information module	
0 .. 1	Product information detail	
0 .. unbounded	Formation Type Code	T4345
0 .. unbounded	Time of application code	T4346
0 .. unbounded	Claim description	
1 .. 1	Claim description	T4356
1 .. 1	Language code	T3782
0 .. unbounded	Claim detail	
0 .. 1	Claim marked on package	T4357
0 .. 1	Claim type code	T4358
0 .. 1	Claim element code	T4359
0 .. 1	Beauty personal care hygiene detail	
0 .. 1	Hair product information	
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	Skin product information	
0 .. unbounded	Skin product function or treatment code	T4347
0 .. unbounded	Target skin type code	T4348
1 .. 1	Promotional item information module	
0 .. 1	Is trade item a promotional unit	T4430
0 .. 1	Organism classification module	
0 .. unbounded	Organism classification	
0 .. 1	Genus	T4325
0 .. 1	Species	T4326
0 .. unbounded	File reference	
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	Content description	
1 .. 1	Content description	T2232

Cardinality	Elements and structure	Entity id
1 .. 1	Language code	T3782
0 .. unbounded	Item regulation	
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	Regulatory permit	
0 .. 1	Permit start date time	T5042
1 .. 1	Regulatory permit identification	T5041
0 .. unbounded	Safety data	
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	REACH information	
0 .. 1	Is substance of very high concern	T4462
0 .. 1	Is trade item REACH relevant	T4463
0 .. unbounded	Chemical information	
0 .. 1	Chemical ingredient scheme	T4503
0 .. unbounded	Chemical ingredient	
0 .. 1	Chemical ingredient identification	T4504
0 .. unbounded	Chemical ingredient name	T3778
0 .. 1	REACH chemical registration number	T4488
0 .. unbounded	Hazard statement	
0 .. 1	Hazard statements code	* T5047
0 .. unbounded	Hazard statements description	
1 .. 1	Hazard statements description	T5048
1 .. 1	Language code	T3782
0 .. unbounded	Precautionary statement	
0 .. 1	Precautionary statements code	* T5049
0 .. unbounded	Precautionary statements description	
1 .. 1	Precautionary statements description	T5050
1 .. 1	Language code	T3782
0 .. 1	Sales information	
0 .. unbounded	Consumer sales condition code	T4131
0 .. 1	Is base price declaration relevant	T4508
0 .. 1	Price comparison content type code	T0145
0 .. unbounded	Applicable allowance charge	
0 .. 1	Allowance charge percentage	T4480
1 .. 1	Allowance charge type code	T4481
1 .. 1	Allowance or charge type	T4482
0 .. 1	Allowance charge amount	
1 .. 1	Allowance charge amount	T4509
1 .. 1	Currency code	T0204
0 .. unbounded	Allowance charge description	
1 .. 1	Allowance charge description	T4479
1 .. 1	Language code	T3782
0 .. unbounded	Price comparison measurement	
1 .. 1	Price comparison measurement	T0147
1 .. 1	Measurement unit code	T3780
0 .. 1	Trade item price information	
0 .. unbounded	Card price group identifier	T4461

Cardinality	Elements and structure	Entity id
0 .. 1	Sustainability	
0 .. 1	Is trade item RoHS compliant	T2522
0 .. unbounded	Carbon footprint header	
0 .. unbounded	Cfp country code	T4415
0 .. 1	Cfp date	T4416
0 .. 1	Cfp value verification code	T4417
0 .. unbounded	Carbon footprint detail	
0 .. 1	Carbon footprint life cycle stage code	+ T4491
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
0 .. unbounded	Cfp value	
1 .. 1	Cfp value	T4419
1 .. 1	Cfp value measurement unit code	T4423
0 .. unbounded	Cfp functional unit	
1 .. 1	Cfp functional unit	T4420
1 .. 1	Language code	T3782
0 .. unbounded	Emissions type	
0 .. 1	Emissions type code	+ T4492
0 .. unbounded	Emission value	
1 .. 1	Emissions value	+ T4495
1 .. 1	Cfp value measurement unit code	T4423
0 .. unbounded	Data carrier	
0 .. unbounded	Application identifier type code	T3748
0 .. 1	Data carrier presence code	T3747
0 .. 1	Data carrier type code	T4310
0 .. 1	Description	
0 .. unbounded	Additional trade item description	
1 .. 1	Additional trade item description	T4429
1 .. 1	Language code	T3782
0 .. unbounded	Functional name	
1 .. 1	Functional name	T0018
1 .. 1	Language code	T3782
0 .. 1	Brand name	
1 .. 1	Brand name	T0143
0 .. 1	Subbrand	T2230
0 .. unbounded	Description short	
1 .. 1	Description short	T3337
1 .. 1	Language code	T3782
0 .. unbounded	Regulated product name	
1 .. 1	Regulated product name	T4800
1 .. 1	Language code	T3782
0 .. unbounded	Variant description	
1 .. 1	Variant description	T4344
1 .. 1	Language code	T3782
0 .. unbounded	Trade item description	
1 .. 1	Trade item description	T3810
1 .. 1	Language code	T3782
0 .. unbounded	Colour	
0 .. 1	Colour code	
1 .. 1	Colour code	T2242
1 .. 1	Colour code list code	T2241

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 .. unbounded	Colour description	
1 .. 1	Colour description	T2243
1 .. 1	Language code	T3782
0 .. 1	Disposal	
0 .. 1	Are hazardous components removable	T4144
0 .. unbounded	Waste code	T4445
0 .. 1	Handling	
0 .. unbounded	Handling instructions code reference	T4040
0 .. unbounded	Stacking factor	
0 .. 1	Stacking factor	T0157
0 .. 1	Stacking factor type code	T3848
0 .. 1	Hierarchy	
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
0 .. 1	Layer height	
1 .. 1	Layer height	T3379
1 .. 1	Measurement unit code	T3780
0 .. unbounded	Humidity	
0 .. 1	Humidity qualifier code	T3847
0 .. 1	Maximum humidity percentage	T0166
0 .. 1	Minimum humidity percentage	T0165
0 .. 1	Lifespan	
0 .. 1	Minimum trade item lifespan from time of arrival	T0185
0 .. 1	Minimum trade item lifespan from time of production	T0167
0 .. 1	Opened trade item lifespan	T2521
0 .. unbounded	Average life	
1 .. 1	Average life	T4498
1 .. 1	Time measurement unit code	T4270
0 .. unbounded	Item period safe to use after opening	
1 .. 1	Item period safe to use after opening	T4269
1 .. 1	Time measurement unit code	T4270
0 .. 1	Measurements	
0 .. 1	Trade item measurements, depth	
1 .. 1	Trade item measurements, depth	T4018
1 .. 1	Measurement unit code	T3780
0 .. 1	Trade item measurements, height	
1 .. 1	Trade item measurements, height	T4019
1 .. 1	Measurement unit code	T3780
0 .. 1	Trade item measurements, width	
1 .. 1	Trade item measurements, width	T4017
1 .. 1	Measurement unit code	T3780
0 .. unbounded	Additional dimensions	
1 .. 1	Dimension type code	T3816
0 .. unbounded	Additional width	
1 .. 1	Additional trade item dimensions, width	T3817
1 .. 1	Measurement unit code	T3780
0 .. unbounded	Additional height	
1 .. 1	Additional trade item dimensions, height	T3818
1 .. 1	Measurement unit code	T3780
0 .. unbounded	Additional depth	
1 .. 1	Additional trade item dimensions, depth	T3819
1 .. 1	Measurement unit code	T3780

Cardinality	Elements and structure	Entity id
0 .. unbounded	Nesting	
0 .. 1	— Nesting direction code	T2236
0 .. unbounded	Nesting increment	
1 .. 1	— Nesting increment	T3378
1 .. 1	— Measurement unit code	T3780
0 .. 1	Trade item composition width	
1 .. 1	— Trade item composition width	T0191
1 .. 1	— Measurement unit code	T3780
0 .. unbounded	Net content	
1 .. 1	— Net content	T0082
1 .. 1	— Measurement unit code	T3780
0 .. unbounded	Net content statement	
1 .. 1	— Net content statement	T4305
1 .. 1	— Language code	T3782
0 .. 1	Trade item weight	
0 .. 1	Trade item gross weight	
1 .. 1	— Trade item gross weight	T4020
1 .. 1	— Measurement unit code	T3780
0 .. 1	Trade item net weight	
1 .. 1	— Trade item net weight	T4330
1 .. 1	— Measurement unit code	T3780
0 .. 1	Trade item size	
0 .. unbounded	Non packaged size dimension	
0 .. 1	— Size type code	T4362
0 .. unbounded	Size dimension	
1 .. 1	— Size dimension	T4361
1 .. 1	— Measurement unit code	T3780
0 .. unbounded	Descriptive size dimension	
1 .. 1	— Descriptive size dimension	T4360
1 .. 1	— Language code	T3782
0 .. 1	Temperature	
0 .. 1	— Trade item temperature condition type code	T4242
0 .. unbounded	Temperature information	
0 .. 1	— Temperature qualifier code	T3822
0 .. unbounded	Cumulative temperature interruption acceptable time span instructions	
1 .. 1	— Cumulative temperature interruption acceptable time span instructions	T4439
1 .. 1	— Language code	T3782
0 .. unbounded	Maximum process temperature timespan	
1 .. 1	— Maximum process temperature timespan	T4460
1 .. 1	— Time measurement unit code	T4270
0 .. 1	Maximum temperature	
1 .. 1	— Maximum temperature	T3796
1 .. 1	— Temperature measurement unit code	T3781
0 .. unbounded	Minimum process temperature timespan	
1 .. 1	— Minimum process temperature timespan	T4459
1 .. 1	— Time measurement unit code	T4270
0 .. 1	Minimum temperature	
1 .. 1	— Minimum temperature	T3797
1 .. 1	— Temperature measurement unit code	T3781
0 .. unbounded	Dangerous goods	
0 .. unbounded	— ADR tunnel restriction code	T3741

Cardinality	Elements and structure	Entity id
0 .. 1	— Dangerous goods regulation agency	+ T4512
0 .. 1	— Dangerous goods regulation code	T4022
0 .. 1	— Dangerous goods limited quantities code	T4247
0 .. unbounded	Flash point temperature	
1 .. 1	— Flash point temperature	T4023
1 .. 1	— Temperature measurement unit code	T3781
0 .. unbounded	Hazardous material additional information	
1 .. 1	— Hazardous material additional information	T4141
1 .. 1	— Language code	T3782
0 .. unbounded	Hazardous information detail	
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
0 .. 1	Dangerous goods shipping name	
1 .. 1	— Dangerous goods shipping name	T4026
1 .. 1	— Language code	T3782
0 .. unbounded	Dangerous goods technical name	
1 .. 1	— Dangerous goods technical name	T4027
1 .. 1	— Language code	T3782
0 .. 1	Net mass of explosives	
1 .. 1	— Net mass of explosives	T4303
1 .. 1	— Measurement unit code	T3780
0 .. unbounded	Hazardous label	
1 .. 1	— Dangerous hazardous label number	T4143
0 .. 1	— Dangerous hazardous label sequence number	T4751
0 .. 1	Variable unit	
0 .. 1	— Is trade item a variable unit	T0186
0 .. 1	Video display device information	
0 .. 1	— Screen refresh rate	T4298
0 .. 1	Display screen information	
0 .. unbounded	Display screen size	
1 .. 1	— Display screen size	T4299
1 .. 1	— Measurement unit code	T3780
0 .. unbounded	Warranty	
0 .. 1	Warranty duration	
1 .. 1	— Warranty duration	T2229
1 .. 1	— Measurement unit code	T3780