

## Specification of communication file

Table shows format of the XML document describing Product Catalogue.

Field name	Type	Format	Description
<Document-ProductCatalogue>	M		
<ProductCatalogue-Header>	M		
<ProductCatalogueNumber>00001</ProductCatalogueNumber>	M	X(35)	Number of product catalogue
<ProductCatalogueDate>1999-09-09</ProductCatalogueDate>	M	CCYY-MM-DD	Catalogue date
<PeriodStartDate>1999-09-09</PeriodStartDate>	O	CCYY-MM-DD	Period start date (lack of entry stands for binding of the changes since their transfer)
<PeriodStartTime>09:00</PeriodStartTime>	O	hh:mm	Period start time (lack of entry stands for binding of the changes since their transfer)
<PeriodEndDate>1999-09-09</PeriodEndDate>	O	CCYY-MM-DD	Period end date (lack of entry stands for binding of the changes since their transfer)
<DocumentFunctionCode>P</DocumentFunctionCode>	M	"P"   "N"	Document type: „P” - incremental „N” - no incremental
<CatalogueCurrency>PLN</CatalogueCurrency>	O	X(3)	Catalogue Currency
<Comment>	O		
<Text>Text</Text>	O	X(350)	Free form text
<LanguageCode>PL</LanguageCode>	O	X(3)	Language Code
</Comment>			
</ProductCatalogue-Header>			
<ProductCatalogue-Parties>	M		
<Buyer>	M		
<ILN>111111111111</ILN>	M	[0-9](13)	Buyer GLN
<OrderContact>Name</OrderContact>	O	X(35)	Order Contact
<SalesAdministration>Name</SalesAdministration>	O	X(35)	Sales Administration
<Name>Name</Name>	O	X(175)	Buyer name
</Buyer>			
<Seller>	M		
<ILN>111111111111</ILN>	M	[0-9](13)	Seller GLN
<OrderContact>Name</OrderContact>	O	X(35)	Order Contact
<SalesAdministration>Name</SalesAdministration>	O	X(35)	Sales Administration
<Name>Name</Name>	O	X(175)	Seller name
</Seller>			
<Manufacturer>	O		
<ILN>111111111111</ILN>	M	[0-9](13)	Manufacturer GLN
<Name>Name</Name>	O	X(175)	Manufacturer name
</Manufacturer>			
<Payee>	O		
<ILN>111111111111</ILN>	M	[0-9](13)	Payee GLN
<Name>Name</Name>	O	X(175)	Payee name
</ Payee >			
</ProductCatalogue-Parties>			
<ProductCatalogue-Lines>	M		
<Line>	M[n]		
<Line-Item>	M		
<LineNumber>1</LineNumber>	M	N0	Line number
<LineType>1</LineType>	M	"1"   "2"   "3"   "4"	Line type: 1 - added 2 - removed 3 - modified 4 - no change
<EAN>111111111111</EAN>	O	[0-9](14)	EAN (mandatory is one of the values: EAN code or Supplier Item Code)
<EANTU>EANTU</EANTU>	O	[0-9](14)	EAN Trade Unit
<BuyerItemCode>123456</BuyerItemCode>	O	X(35)	Item code by buyer
<SupplierItemCode>123456</SupplierItemCode>	O	X(35)	Item code by supplier
<ManufacturerItemCode>123456</ManufacturerItemCode>	O	X(35)	Item code by manufacturer
<PreviousEAN>111111111111</PreviousEAN>	O	[0-9](14)	EAN of predecessor's product (if a certain product substitute is introduced - change type Z - one of values is obligatory: former EAN code or former seller's product code)
<PreviousBuyerItemCode>123456</PreviousBuyerItemCode>	O	X(26)	Previous buyer item code
<PreviousSupplierItemCode>123456</PreviousSupplierItemCode>	C	X(26)	Previous supplier item code

Field name	Type	Format	Description
<ProductGroup>Alkohole</ProductGroup>	O	X(35)	Product group
<ProductGroupCode>ALC</ProductGroupCode>	O	X(35)	Product group code
<PrimaryProductGroup>Szybkozbywalne</PrimaryProductGroup>	O	X(35)	Primary product group
<PrimaryProductGroupCode>FMCG</PrimaryProductGroupCode>	O	X(35)	Primary product group code
<ItemDescription>ItemDescription_1</ItemDescription>	O	X(512)	Item description
<ItemType>CU</ItemType>	O	"CU"   "RC"	Identifier of returnable packaging: "CU" – commercial unit "RC" – returnable containers
<SubstituteProductEANList>	O		
<SubstituteProductEAN>111111111111</SubstituteProductEAN>	O	[0-9](14)	Substitute number GTIN
</SubstituteProductEANList>			
<SubstituteSupplierItemList>	O		
<SubstituteSupplierItemCode>	O[n]		
<SupplierItemCode>123</SupplierItemCode>	O	X(35)	Supplier item code - additional
</SubstituteSupplierItemCode>			
</SubstituteSupplierItemList>			
<CountryOfOrigin>PL</CountryOfOrigin>	O	X(3)	Country of origin
<CertificateOfConformity>1111</CertificateOfConformity>	O	X(70)	Certificate of conformity reference number
<HygenicCertificateNumber>1111</HygenicCertificateNumber>	O	X(70)	Hygenic certificate reference number
<InternationalClassificationCode>1111</InternationalClassificationCode>	O	X(35)	International classification code
<BrandName>Marka</BrandName>	O	X(512)	Brand name
<SubbrandName>Sub Marka</SubbrandName>	O	X(512)	Subbrand name
<VariantName>Wariant Nazwy</VariantName>	O	X(512)	Variant name of product
<FunctionalName>Nazwa Funkcjonalna</FunctionalName>	O	X(512)	Functional name of product
<Color>Czerwony</Color>	O	X(512)	Color of product
<Size>34</Size>	O	X(512)	Size of product
<ProductType>M</ProductType>	O	"M"   "Z"	„M” – stock „Z” – product against order
<Weight>1.000</Weight>	O	R3	Product weight (in kg)
<Volume>1.000</Volume>	O	R3	Product volume (in m <sup>3</sup> )
<Length>1.000</Length>	O	R3	Product length (in m)
<Width>1.000</Width>	O	R3	Product width (w m)
<Height>1.000</Height>	O	R3	Product height (w m)
<PercentOfAlcohol>40.00</PercentOfAlcohol>	O	R2	The percentage of alcohol
<PromotionalQuantity>1.000</PromotionalQuantity>	O	R3	Promotional quantity
<ProductLifespan>	O		
<PeriodFormat>804</PeriodFormat>	M	X(3)	Period field-format: 801 = year 802 = month 803 = week 804 = day 718 = period format CCYYMMDD-CCYYMMDD
<Period>1</Period>	M	X(35)	Period: date, time or value of period for other format
<ExpirationRatio>0.75</ExpirationRatio>	O	R4	Ratio of remaining days to product expiration date to product lifespan
</ProductLifespan>			
<UnitOfMeasure>KGM</UnitOfMeasure>	O	"PCE" "KGM" "MTR" "KMT" "PA" "SET" "PR" "TNE" "LTR"	Unit of measure: "PCE" – piece "KGM" – kilogram "MTR" – metre "KMT" – kilometre "PA" – package "SET" – set "PR" – pair "TNE" – metric ton "LTR" – litre
<UnitNetPrice>23.45</UnitNetPrice>	O	R2	Unit net price
<PromotionalPrice>9.99</PromotionalPrice>	O	R2	Promotional price
<SuggestedPrice>12.79</SuggestedPrice>	O	R2	Suggested price
<Discount>10.00</Discount>	O	R2	Amount of discount in percentage
<TaxRate>7.00</TaxRate>	O	R2	Tax rate
<TaxCategoryCode>S</TaxCategoryCode>	O	"S"   "E"	Tax category code: "E" – exempt from tax "S" – standard rate
<TaxReference>	O		
<ReferenceType>PKWIU</ReferenceType>	M	X(35)	Code reference type: "PKWIU"
<ReferenceNumber>23-5676</ReferenceNumber>	M	[-.0-9](20)	Code PKWIU

Field name	Type	Format	Description
</TaxReference>			
<Package>	O		
<PackDetails>	O		
<PackageId>1</PackageId>	O	N0	Package identification
<LowerLevelPackageId>1</LowerLevelPackageId>	O	N0	Lower level package identification
<PackingLevel>1</PackingLevel>	O	N0	Packing level
<PackageType>CT</PackageType>	O	X(3)	Package type
<PickingUnit>Display</PickingUnit>	O	X(17)	Picking unit
<PaletteLayerSize>1.000</PaletteLayerSize>	O	R3	Palette layer size
<StackingFactor>1</StackingFactor>	O	N0	Palette layer numer
<UnitPacksize>1.000</UnitPacksize>	O	R3	The minimum order quantity in the unit of measure (filled where other than the number in the box)
<QuantityPerPack>6.000</QuantityPerPack>	O	R3	Unit Packsize
<MinOrderedQuantity>1.000</MinOrderedQuantity>	O	R3	Quantity per pack (e.g. multipack)
<Weight>1.000</Weight>	O	R3	Package weight (in kg)
<Volume>1.000</Volume>	O	R3	Package volume (in m <sup>3</sup> )
<Length>1.000</Length>	O	R3	Package length (in m)
<Width>1.000</Width>	O	R3	Package width (w m)
<Height>1.000</Height>	O	R3	Package height (w m)
<GrossWeight>1.000</GrossWeight>	O	R3	Gross Weight in kg
<DrainedWeight>1.000</DrainedWeight>	O	R3	DrainedWeight in kg
<Temperature>2.00</Temperature>	O	R2	Temperature (Celsius)
<PackageEANList>	O		
<PackageEAN>	O[n]		
<EAN>1234567890123</EAN>	O	[0-9](14)	Package EAN
</PackageEAN>			
</PackageEANList>			
<PackDetails>			
</Package>			
<HierarchyInformation>	O		
<Product>	O[n]		
<RelationshipCode>1</RelationshipCode>	M	"1"   "2"	Relationship code: 1 - parent 2 - child
<EAN>111111111111</EAN>	M	[0-9](14)	Product EAN
<BuyerItemCode>123456</BuyerItemCode>	O	X(35)	Item code by buyer
<SupplierItemCode>123456</SupplierItemCode>	O	X(35)	Item code by supplier
<ItemType>CU</ItemType>	M	"CU"   "RC"	Identifier of returnable packaging: "CU" - commercial unit "RC" - returnable containers
<Quantity>1.000</Quantity>	M	R3	Quantity
</Product>			
</HierarchyInformation>			
<Line-Parties>	O		
<Manufacturer>	O		
<ILN>111111111111</ILN>	M	[0-9](13)	Producer GLN
<Name>Name</Name>	O	X(175)	Name of producer
</Manufacturer>			
<Delivery>	O		
<ILN>111111111111</ILN>	M	[0-9](13)	Delivery GLN
</Delivery>			
</Line-Parties>			
</Line-Item>			
</Line>			
</ProductCatalogue-Lines>			
<ProductCatalogue-Summary>	M		
<TotalLines>1</TotalLines>	M	N0	Total lines
</ProductCatalogue-Summary>			
</Document-ProductCatalogue>			

Method of documents transfer:  
Particular documents must be transferred in separate files according to rule 1 document in 1 file.

Method of coding: UTF-8

**Type:**  
M- Mandatory  
O- Optional

C - Conditional  
[n] – Maximum occurrences

In case of occurrences are not equal 0 or 1, maximum number is marked in square bracket. Minimum number of occurrences means that field is mandatory.

**Fields format:**

Specifies range of accepted values (acceptable range of signs), precision of real number values:

[A-Z](3) range of characters, capital letters from "A" to "Z" maximum number of characters: 3

X(n) range of characters, optional characters coded in hexadecimal with range of "0x20" to "0xFF", in case of using '<', '>' and '&' or others coded in hexadecimal with range of "0x80" to "0xFF", the field should be included in section CDATA

[0-9](13) range of characters, digits from "0" to "9", max. number of digits: 13

[-0-9](20) range of characters, digits from "0" to "9" and minus character "-", max. number of characters: 20

N0 integer number

R2 real number with declared precision, double precision (e.g. 23.45); decimal dot notation

CCYY-MM-DD date field-format ("CCYY" – four-digit year, "MM" – two-digit month, "DD" – two-digit day)

hh:mm time field-format ("hh" – two-digit hour in 24 hour system: 00 – 23, "mm" – two-digit minutes: 00 – 59)