

Handledning (User Guide) Peppol BIS Catalogue without response 3

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Versions

Version	Date	Author	Organization	Comment
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1 Background

SFTI styrgrupp (steering group) decided May 29th 2019 PEPPOL BIS Catalogue Without Response 3 to be a SFTI recommendation.

This document provides specification of the Swedish use of some elements in PEPPOL BIS Catalogue Without Response 3 including Peppol Spring release changes by May 2020.

The documentation on PEPPOL BIS Catalogue Without Response 3 is found at the Peppol website:
<https://docs.peppol.eu/poacc/upgrade-3/>

The documentation is in two parts

- The BIS Document: PEPPOL BIS Catalogue without response 3.1
- The syntax: PEPPOL Catalogue transaction 3.1 (T19)

There are also rules and code lists which are common for all PEPPOL BIS which are also found at the same web site.

2 Swedish use of some specific elements

2.1 Classification

An item may be classified according to several classifications systems.

UNSPSC is the mandatory public classification system in some procurement systems.

Products can also be classified according to regulatory schemes or classification systems used in certain business sectors as well as the supplier's own classification system.

The type of classification system shall be stated in the attribute "listID". Below is a list of common classification schemes used in Sweden.

The attribute "name" was added to the specification in the Spring release 2020.

Classification system	Classification description	listID	listVersionID
UNSPSC	The UNSPSC commodity classification system.	TST ¹	
ATC, used for medicine and drugs.	ATC (Anatomical Therapeutic Chemical) classification system.	STL	
ISO9999-kod	Industry commodity code	CC	ISO-9999:2016
Supplier's own classification	Supplier assigned classification	SSU	

Example, UNSPSC:

```
<cac:CommodityClassification>  
  <cbc:ItemClassificationCode listID="TST">44121701</cbc:ItemClassificationCode>  
</cac:CommodityClassification>
```

¹ Note that the Peppol BIS specification initially suggested code value MP to indicate use of UNSPSC. Value TST was introduced through the version 3.0.2 hotfix 2019-08-15 and should be used instead of MP.

Example, Supplier assigned classification:

```
<cac:CommodityClassification>
  <cbc:ItemClassificationCode listID="SSU"
name="Hårtvättmedel&amp;balsam">101</cbc:ItemClassificationCode>
</cac:CommodityClassification>
```

2.2 Link to image and product information

Links to external product images and product information are placed in ItemSpecificationDocumentReference/Attachment/ExternalReference/URI

To identify the type of information a specified code from the table UNCL1001 is placed in DocumentTypeCode. For image and product information there is no UNCL1001 code. Instead OpenPEPPOL have introduced the following codes. These codes were added to the specification in the Spring release 2020.

Code	Definition	Issuer
PRODUCT_IMAGE	Link to product main image	openPEPPOL
TRADE_ITEM_DESCRIPTION	Link to trade item description	openPEPPOL

Example:

```
<cac:ItemSpecificationDocumentReference>
  <cbc:ID>2</cbc:ID>
  <cbc:DocumentTypeCode>PRODUCT_IMAGE</cbc:DocumentTypeCode>
  <cac:Attachment>
    <cac:ExternalReference>
      <cbc:URI>http://www.foretagx.se/12346.jpg</cbc:URI>
    </cac:ExternalReference>
  </cac:Attachment>
</cac:ItemSpecificationDocumentReference>
```

2.3 Prices and Contracted item indicator

All prices are related to the article or service within this Catalogue line identified by an item identification. All prices are net price including all discounts and charges but excluding VAT.

2.3.1 Contracted item indicator

Compared to the previous version of PEPPOL Catalogue (Svekatalog 2), the term “Contracted item indicator” (TransactionConditions/ActionCode) has a new definition: “The code CT indicates that the item is offered in accordance to the referenced contract”. TransactionConditions/ActionCode is to be omitted for items not under contract.

Example:

```
<cac:TransactionConditions>
  <cbc:ActionCode>CT</cbc:ActionCode>
</cac:TransactionConditions>
```

In Svekatalog 2 “Contracted item” was used to indicate “Kontraktspris” as there was no PriceType for this.

2.3.2 Prices Types in SFTI

In Sweden, SFTI has specified different types of prices.

To achieve this, use a combination of the element “Contracted Item indicator” and relevant codes for the element Price Type.

The following combinations of PriceType and Contracted Item Indicator are defined by SFTI:

Price Type	Contracted item indicator	SFTI Termnr	Definition
CON	CT	T0029	Contract price for contracted item
CON			Combination not allowed
	CT	T0029	Contract price. Combination should be avoided. May be used just for the reason to be compatible with Svekatalog 2.
			Combination not allowed
CP	CT	T0203	Current price for contracted item
CP		T0238	Current price for not contracted item
DPR	CT	T0182	Discount price for contracted item
DPR			Discount price for not contracted item
PRP	CT	T3288	Provisional price for contracted item
PRP		T5029	Provisional price for not contracted item
CAT	CT	New	Catalogue price for contracted item (ex vis för läkemedel)
CAT		T0181	Catalogue price for not contracted item
AAN	CT	T5030	Price can be obtained on request for contracted item (ex vis extempore)
AAN		New	Price can be obtained on request not contracted item

Example: Contract price for contracted item (Kontraktspris)

```
<cac:RequiredItemLocationQuantity>
  <cac:Price> <!-- Business terms 'Item price' and 'Price type' -->
    <cbc:PriceAmount currencyID="SEK">20</cbc:PriceAmount>
    <cbc:PriceType>CON</cbc:PriceType>
  </cac:Price>
</cac:RequiredItemLocationQuantity>
```

....

```
<cac:TransactionConditions> <!-- Business term 'Contracted item' -->
  <cbc:ActionCode>CT</cbc:ActionCode>
</cac:TransactionConditions>
```

2.4 Item labelling

Information about the items environmental, social, ethical and quality type of labelling.

SFTI has together with GS1 Sweden defined a number of codes to be used for Article Markings, "Artikelmarkeringar". It should be appreciated that the current set of code values and the principles for drawing them do not fully satisfy the needs in public sector procurement. Therefore, the guidance on item labelling given in this section is to be seen as a provisional arrangement, aiming to bridge transition from SFTI ESAP6 to PEPPOL BIS transactions.

All Article Markings are placed in "Certificate" in UBL syntax.

2.4.1 Environmental, origin and social codes

Environmental, origin and social codes are:

Label (Certificate/Remarks)	Swedish translation	Code (Certificate/ID)	Code List (Certificate/Document Reference/ID)
Good eco-choice/Falcon	Bra miljöval/Falken	Z01	GS1SWEDENT0142
Nordic swan	Svanen	Z02	GS1SWEDENT0142
KRAV	KRAV	Z04	GS1SWEDENT0142
Swedish Seal of Quality	Svensk Sigill	Z50	GS1SWEDENT0142
EU-ekologisk	EU-ekologisk	Z38	GS1SWEDENT0142
EU Ecolabel	EU Ecolabel	Z03	GS1SWEDENT0142
MSC marked fish	MSC-märkt fisk	Z40	GS1SWEDENT0142
Rainforest Alliance certifierad	Rainforest Alliance certifierad	Z49	GS1SWEDENT0142
FSC, Forest Stewardship Council	FSC, Forest Stewardship Council	Z51	GS1SWEDENT0142
PEFC, Skogscertifiering	PEFC, Skogscertifiering	Z60	GS1SWEDENT0142
Ecocert Cosmos Natural	Ecocert Cosmos Natural	Z70	GS1SWEDENT0142
Ecocert Cosmos Organic	Ecocert Cosmos Organic	Z71	GS1SWEDENT0142
Blue angel protects climate	Blå ängeln värnar om klimatpåverkan	Z61	GS1SWEDENT0142
Blue angel protects water	Blå ängeln värnar om vatten	Z62	GS1SWEDENT0142
Blue angel protects resources	Blå ängeln värnar om resurser	Z63	GS1SWEDENT0142
Blue angel protects environment and health	Blå ängeln värnar om miljö och hälsa	Z64	GS1SWEDENT0142
OEKO-TEX	OEKO-TEX	Z65	GS1SWEDENT0142
GOTS, Global Organic Textile Standard	GOTS, Global Organic Textile Standard	Z66	GS1SWEDENT0142
ASC, The Aquaculture Stewardship Council	ASC, The Aquaculture Stewardship Council	Z67	GS1SWEDENT0142
UTZ Certified	UTZ Certified	Z68	GS1SWEDENT0142
TCO Development	TCO Development	Z69	GS1SWEDENT0142
GMO Marked	GMO Märkt	Z18	GS1SWEDENT0142
Fair Trade	Fairtrade	Z15	GS1SWEDENT0142
Swedish bird	Svensk fågel	Z72	GS1SWEDENT0142
From Sweden	Från Sverige	Z73	GS1SWEDENT0142
Meat from Sweden	Kött från Sverige	Z74	GS1SWEDENT0142
Milk from Sweden	Mjölk från Sverige	Z75	GS1SWEDENT0142

For environmental codes use "Environmental" as "Certificate/CertificateType".

For social codes use "Social" as "Certificate/CertificateType".

For origin codes use "Origin" as "Certificate/CertificateType".

Example for "Nordic swan":

Note that this guideline on item labelling differs from the example suggested in section 6.10 in

<https://docs.peppol.eu/poacc/upgrade-3/profiles/1-catalogueonly/>

```
<cac:Certificate>
  <cbc:ID>Z02</cbc:ID> <!-- Code value -->
  <cbc:CertificateTypeCode>NA</cbc:CertificateTypeCode>
  <cbc:CertificateType>Environmental</cbc:CertificateType>
  <cbc:Remarks>Nordic swan</cbc:Remarks> <!-- Reference to label -->
  <cac:IssuerParty>
    <cac:PartyName>
      <cbc:Name>NA</cbc:Name>
    </cac:PartyName>
  </cac:IssuerParty>
  <cac:DocumentReference>
    <cbc:ID>GS1SWEDENT0142</cbc:ID> <!-- Reference to codelist -->
  </cac:DocumentReference>
</cac:Certificate>
```

Some codes may be a combination of several type of marking. In this case it's allowed to combine them.

Example

```
<cbc:CertificateType>Environmental, Origin</cbc:CertificateType>
```

2.4.2 Nutrition

Nutrition codes are:

Label (Certificate/Remarks)	Swedish translation	Code (Certificate/ID)	Code List (Certificate/DocumentReference/ID)
Keyhole	Nyckelhålet	Z05	GS1SWEDENT0142
Sugar free	Socketrfri	Z06	GS1SWEDENT0142
Without sugar	Produkten är osockrad	Z19	GS1SWEDENT0142
Without sweetener	Produkten är osötad	Z20	GS1SWEDENT0142
Lean, light, low sugar	Produkten är mager, lätt-light, lättsockrad	Z21	GS1SWEDENT0142
Lactose reduced	Laktosreducerad	Z07	GS1SWEDENT0142
Lactose free	Fri från laktos	Z09	GS1SWEDENT0142
Milk protein free	Fri från mjölkprotein	Z10	GS1SWEDENT0142
Milk free	Fri från mjölk	Z22	GS1SWEDENT0142
Gluten free	Fri från gluten	Z08	GS1SWEDENT0142
Natural gluten free	Naturligt fri från gluten	Z34	GS1SWEDENT0142
Very low amount of gluten	Mycket låg glutenhalt	Z56	GS1SWEDENT0142
Soya free	Fri från soja	Z11	GS1SWEDENT0142
Egg free	Fri från ägg	Z12	GS1SWEDENT0142
Legume protein free	Fri från ärtprotein	Z23	GS1SWEDENT0142

Free from fish	Fri från fisk	Z39	GS1SWEDENT0142
Protein free	Proteinfri	Z36	GS1SWEDENT0142
Protein reduced	Proteinreducerad	Z24	GS1SWEDENT0142
Recommended by Asthmatics & Allergics Association	Rek. av Astma och Allergi Förbundet	Z17	GS1SWEDENT0142
Diet product 450-800 kcal/d	Tillstånd från SLV: bantningsprodukter 450-800 kcal/dag	Z25	GS1SWEDENT0142
Mother's milk substitute	Tillstånd från SLV: modersmjölkersättning	Z26	GS1SWEDENT0142
Diet supplement	Tillstånd från SLV: kosttillsägg	Z27	GS1SWEDENT0142
Approved by SNFA: sondkost	Tillstånd från SLV: sondkost	Z28	GS1SWEDENT0142
Diet product 800-1200 kcal/d	Tillstånd från SLV: bantningsprodukter 800-1200 kcal/dag	Z29	GS1SWEDENT0142
Laktase enzyme	Laktasenzym	Z35	GS1SWEDENT0142

For nutrition use "Nutrition" as "Certificate/CertificateType"

Example for "Keyhole":

```
<cac:Certificate>
  <cbc:ID>Z05</cbc:ID> <!-- Code value -->
  <cbc:CertificateTypeCode>NA</cbc:CertificateTypeCode>
  <cbc:CertificateType>Nutrition</cbc:CertificateType>
  <cbc:Remarks>Keyhole</cbc:Remarks> <!-- Reference to label -->
  <cac:IssuerParty>
    <cac:PartyName>
      <cbc:Name>NA</cbc:Name>
    </cac:PartyName>
  </cac:IssuerParty>
  <cac:DocumentReference>
    <cbc:ID>GS1SWEDENT0142</cbc:ID> <!-- Reference to codelist -->
  </cac:DocumentReference>
</cac:Certificate>
```


2.5 Additional Item Properties

Additional properties are used for product properties that cannot be sent in any of the defined elements in this specification.

2.5.1 Additional Item Properties usage in SFTI

SFTI has defined a number of standardised “Name” in AdditionalItemProperty to be used in the catalogue.

Name is the name of the SFTI term in English.

NameCode if applicable, Name expressed as a code.

NameCode @listID refers to the used code list and SFTI restrictions to the list is. E.g. GS17009:SFTI indicates dataelement from GS1 table 7009 with SFTI restrictions.

Value includes the value.

ValueQuantity for a numeric value.

ValueQualifier refers to a term number (Tnnnn) in the SFTI specifications for SFTI/ESAP catalogue and is expressed as SFTI:Tnnnn.

In addition to the names reserved by SFTI, parties are free to use other name-value pairs to describe more properties of relevance to the items.

2.5.1.1 When the Value is a textual value

Name	Swedish translation	ValueQualifier
LeadTime ReadyForDelivery Days	Ledtid	SFTI:T0078
Descriptive size	Förpackningsstorlek, klartext	SFTI:T3338
Deposit code	Pantkod	SFTI:T0148
Approximate net weight	Ung. nettovikt	SFTI:T0297

Example:

T3338, Descriptive size (Förpackningsstorlek, klartext)

```
<cac:AdditionalItemProperty>
  <cbc:Name>Descriptive size</cbc:Name>
  <cbc:Value>5x500 ark</cbc:Value>
  <cbc:ValueQualifier>SFTI:T3338</cbc:ValueQualifier>
</cac:AdditionalItemProperty>
```

Exempel:

T0297, Approximate net weight (Ung. nettovikt.)

```
<cac:AdditionalItemProperty>
  <cbc:Name>Approximate net weight</cbc:Name>
  <cbc:Value>280.0 mg</cbc:Value>
  <cbc:ValueQuantity unitCode="MGM">280.0</cbc:ValueQuantity>
  <cbc:ValueQualifier>SFTI:T0297</cbc:ValueQualifier>
</cac:AdditionalItemProperty>
```

2.5.1.2 When the NameCode is a GS1 dataelement and Value an indicator

Codes (NameCode) from EANCOM 2002 Dataelement 7009, Item description code.

Name	Swedish translation	NameCode	Description	ValueQualifier
Variable quantity product	Variabelmåttvara	VQ	Trade item is variable measure item, that is, the quantity in the package is not fixed, and the price for the item varies with the quantity.	SFTI:T0186
Returnable container	Returenhet indikator	RC	Trade item is a returnable unit	SFTI:T0298
Service	Tjänst, indikator	SER	Trade item is a service	SFTI:T4119
Make to Order	Artikeln tillverkas efter att den har beställts, indikator	MTO	Trade item is manufactured after order	SFTI:T1351

NameCode @listID="GS17009:SFTI"

Code (NameCode) from EANCOM 2002 Dataelement 4079, Handling instruction description code.

Name	Swedish translation	NameCode	Description	ValueQualifier
Heat sensitive	Indikator för obruten kylkedja	1	Unbroken cold chain	SFTI:T4040

NameCode @listID="GS14079:SFTI"

Codes (NameCode) from EANCOM 2002 Dataelement 4183, Special conditions, cod.

Name	Swedish translation	NameCode	Name of term T0014	ValueQualifier
New, announcement only	Ny, endast annonsering	84E	Availability code (Tillgänglighetskod)	SFTI:T0014
New, available	Ny, tillgänglig	85E	Availability code (Tillgänglighetskod)	SFTI:T0014
Temporarily out	Artikeln är långrestad från tillverkaren	90E	Availability code (Tillgänglighetskod)	SFTI:T0014

NameCode @listID="GS14183:SFTI"

Value is always set to 'true' to indicate that the property (Name) is true. If not true, exclude the property.

Example:

T0186 - Variable quantity product (Variabelmåttvara)

```

<cac:AdditionalItemProperty>
  <cbc:Name>Variable quantity product</cbc:Name>
  <cbc:NameCode listID="GS17009">VQ</cbc:NameCode>
  <cbc:Value>>true</cbc:Value>
  <cbc:ValueQualifier>SFTI:T0186</cbc:ValueQualifier>
</cac:AdditionalItemProperty>

```

2.5.1.3 When the NameCode is a code from a GS1 Sweden code table.

Code list for Term no T0235, "Pharmaceutical property" and T1338, "Content of concerns" is found at <https://www.gs1.se/vara-standarder/teknisk-dokumentation/kodlistor>

Name	Swedish translation	NameCode	NameCode listID
Sterile	Steril (sjukvårdsartiklar)	Z41	GS1SWEDENT1338
High grade clean	Höggradigt ren (sjukvårdsartiklar)	Z42	GS1SWEDENT1338
Free from PVC	Fri från PVC (sjukvårdsartiklar)	Z43	GS1SWEDENT1338
Contains PVC, content of phthalates unspecified	Innehåller PVC, ftalatinnehåll ospecificerat (sjukvårdsartiklar)	Z44	GS1SWEDENT1338
Contains PVC, without phthalates	Innehåller PVC, utan ftalater (sjukvårdsartiklar)	Z45	GS1SWEDENT1338
Contains PVC, with phthalates	Innehåller PVC, med ftalater (sjukvårdsartiklar)	Z46	GS1SWEDENT1338
Free from latex	Fri från latex (sjukvårdsartiklar)	Z47	GS1SWEDENT1338
Contains latex	Innehåller latex (sjukvårdsartiklar)	Z48	GS1SWEDENT1338
Free from additives with antimicrobial effect	Fri från tillsatser med antimikrobiell effekt	Z53	GS1SWEDENT1338
Contains silver/silver compound	Innehåller silver/silverförening	Z54	GS1SWEDENT1338
Contains other additives (than silver/silver compound) with antimicrobial effect	Innehåller annan tillsats (än silver/silverförening) med antimikrobiell effekt	Z56	GS1SWEDENT1338
Narcotic according to list II	Narkotika enl förteckn II	Z01	GS1SWEDENT0235
Narcotic according to list III	Narkotika enl förteckn III	Z02	GS1SWEDENT0235
Narcotic according to list IV	Narkotika enl förteckn IV	Z03	GS1SWEDENT0235
Narcotic according to list V	Narkotika enl förteckn V	Z04	GS1SWEDENT0235
Technical spirit	Teknisk sprit	Z09	GS1SWEDENT0235
Extemporaneous	Extempore	Z11	GS1SWEDENT0235
Licensed drug	Licenspreparat	Z12	GS1SWEDENT0235
Compounding, Cytostatic	Extempore, Cytostatika	Z15	GS1SWEDENT0235
Compounding, Sterile	Extempore, Sterilt	Z16	GS1SWEDENT0235
Compounding, Non sterile	Extempore, Ej sterilt	Z17	GS1SWEDENT0235
Compounding, Preparation to stock	Extempore, Lagerberedning	Z18	GS1SWEDENT0235
Allowed to dispense the dose	Tillåten att dosdispensera	Z19	GS1SWEDENT0235
Contains unit dose packaging	Innehåller endosförpackningar	Z20	GS1SWEDENT0235
Foods for particular nutritional uses for children under 16 years	Livsmedel för särskilda näringsändamål till barn under 16 år	Z21	GS1SWEDENT0235
Pharmaceuticals	Läkemedel	Z22	GS1SWEDENT0235
Consumable trade items covered by the Swedish reimbursement	Förbrukningsartiklar som omfattas av förmånen	Z23	GS1SWEDENT0235
Toxic-free preschool. Meets the requirements	Giftfri Förskola. Uppfyller Upphandlingsmyndighetens kriterier	Z76	GS1SWEDENT0142

of The National Agency for Public Procurement.			
---	--	--	--

ValueQualifier="SFTI:T1338", "SFTI:T0235" resp "SFTI:T0142"

Value is always set to 'true' to indicate that the property (Name) is true. If not true, exclude the property.

Example:

From GS1 code table T1338 – Sterile, code Z41

```
<cac:AdditionalItemProperty>
  <cbc:Name>Sterile</cbc:Name>
  <cbc:NameCode listID="GS1SWEDENT1338">Z41</cbc:NameCode>
  <cbc:Value>true</cbc:Value>
  <cbc:ValueQualifier>SFTI:T1338</cbc:ValueQualifier>
</cac:AdditionalItemProperty>
```

2.5.1.4 When the NameCode is a SFTI defined code.

Codes are defined by GS1 Sweden and SFTI.

Name	Swedish translation	NameCode	Description	Value	ValueQualifier
Additional trade item information as text	Kompletterande artikelinformation, text	Z01	Fri text tillåts komplettera denna artikel vid ordertillfället (Additional textual information is allowed in an order for this trade item)	true	SFTI:T1342
Additional trade item information as reference	Kompletterande artikelinformation, referens	Z02	Referens till extern information är tillåtet för den här artikeln vid ordertillfället (Additional information as an external reference is allowed in an order for this trade item)	true	SFTI:T1342
Packaging is marked returnable	Förpackningen returnerbar	Z01	Kod som anger om emballaget eller returenheten är returnerbar eller ej, det vill säga, om förpackningen, pallen etc kan returneras för återanvändning eller ej.	true	SFTI:T0277

NameCode @listID="SFTIT1342" resp "SFTIT0277"

Value is always set to 'true' to indicate that the property (Name) is true. If not true, exclude the property.

Example:

```
<cac:AdditionalItemProperty>
  <cbc:Name>Additional trade item information as reference</cbc:Name>
  <cbc:NameCode listID="SFTIT1342">Z02</cbc:NameCode>
  <cbc:Value>true</cbc:Value>
  <cbc:ValueQualifier>SFTI:T1342</cbc:ValueQualifier>
</cac:AdditionalItemProperty>
```

2.5.1.5 When the Property is defined by the supplier

Code list for Term no T0205 is set by and distributed by each supplier.

Name the price change reason as defined by the supplier.

Value is set to the code distributed by the supplier

ValueQualifier is set to 'SFTI:T0205'

Example:

T0205 Price change reason code.

Name: Exchange rate

Code: EXR

```
<cac:AdditionalItemProperty>  
  <cbc:Name>Price change reason code</cbc:Name>  
  <cbc:Value>EXR</cbc:Value>  
  <cbc:ValueQualifier>SFTI:T0205</cbc:ValueQualifier>  
</cac:AdditionalItemProperty>
```