

Title Information about migration for Prevas GCM	Confidentiality Confidential	Document no	Revision
Project Prevas GCM	Issued by Kristina Anderskär		Date 2016-04-13

Information about migration for Prevas GCM

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1 DOCUMENT INFORMATION

1.1 Purpose and scope

This document describes how Prevas will migrate Prevas GCM database with trade item information from GS1 release 2.8 to GDSN Major Release 3.1.

Prevas will migrate data as described in following GS1 documentation:

“Migration document 2.8.5 to 3.1 v1.0.xlsx” and “migration codevalues285to31.1 a4.xlsx” which can be found here:

<http://gs1.se/sv/GS1-i-praktiken/Artikelinformation/gdsn-major-release-3.1/>

Some values cannot be migrated whit out some changes and this document describes how Prevas handle these situations.

To investigate if your trade item information is affected of these migration issues you can ask for an Excel report of your trade item information from Prevas GCM support. With this Excel report you can investigate if your trade item information is affected.

2 Information about migration of Prevas GCM

2.1 T0137 Package Type Code List/Förpacknings-/kollityp,

2.1.1 Information from GS1

Some code value definitions are old and needs to be updated. This should supplier update after Major release. GS1 recommend to handle this in following way:

VP (Vacuum-packed, Vakuumförpackad)

Removed from code list T0137.

Validoo will be migrated to PUG (Packed, unspecified, Ospecificerad förpackning) and supplier should update this after Major release.

User group have discussed and the recommended codes to use are:

- SW - Shrink wrapped
- WRP – Wrapper for coffee

Add VACUUM_PACKED in T4124 (Packaging function code, Förpackningsfunktion)

AT (Atomizer, Sprayflaska)

Removed from code list T0137.

Migrate to following values:

T0137: BOTTLE, T4124: ATOMIZER

DN (Dispenser, Dispenser)

Removed from code list T0137.

Migrate to following values:

T0137: BOTTLE, T4124: DISPENSER

Supplier should check if this is correct for current trade item information.

See code lists:

Version 2.8:

<http://gs1.se/sv/GS1-i-praktiken/T0137-Forpacknings-kollityp/>

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<http://gs1.se/sv/GS1-i-praktiken/Kodlistor/T4124-Forpackningsfunktion/>

Version 3.1:

<http://gs1.se/sv/GS1-i-praktiken/kodlistor-3.1/t0137-forpacknings-kollityp/>

<http://gs1.se/sv/GS1-i-praktiken/kodlistor-3.1/t4124-forpackningsfunktion/>

2.1.2 Information about Prevas GCM migration

Code values VP, AT and DN removed from code list T0137.

VACUUM_PACKED, ATOMIZER and DISPENSER are added to code list T4124.

Code VP is set to PUG (Packed, unspecified, Ospecificerad förpackning) and supplier can choose another value when trade item information needs to be updated.

Code VACUUM_PACKED (Vacuum packed, Vakuumpackad) is added to code list T4124 (Packaging function code, Förpackningsfunktion).

Code AT is removed and T0137 is set to BOTTLE and T4124 is set to ATOMIZER.

Code DN is removed and T0137 is set to BOTTLE and T4124 is set to DISPENSER. Supplier can choose another value when trade item information needs to be updated.

2.2 T4078 Allergen type code, Allergentyp

2.3 Information from GS1

In version 3.1 a lot of allergen type codes are removed in Swedish subset. According to GS1 Swedish suppliers have the opinion that there has been too many allergen type codes and in version 3.1 GS1 Sweden has removed a number of them.

See code lists and compare between versions:

Version 2.8:

<http://gs1.se/sv/GS1-i-praktiken/Kodlistor/T4078-Allergentyp/>

Version 3.1:

<http://gs1.se/en/GS1-in-practice/3.1/t4078-allergen-type-code/>

When Validoo database is migrated no allergen type codes will be changed.

Supplier should take decision and update as required.

2.3.1 Information about Prevas GCM migration

Prevas will follow GS1 recommendations (see GS1-document migration codevalues285to31.1 a4.xlsx) and migrate following allergen type codes:

- ML (Lactose, Laktos) is migrated to AM (Milk, Mjölk)
- Specific code values for nuts (SC, SH, SP, SM, SQ, SR, ST, SW, SA) are migrated to AN (Tree nuts, Nötter).
- GB (Barley, Korn), GO (Oat, Havre), NR (Rye, Råg), UW (Wheat, Vete), GK (Kamut) and GS (Spelt) are migrated to AW (Cereals containing gluten, Spannmål som innehåller gluten)

Important message from GS1: For trade items (articles) marked FREE_FROM_GLUTEN (T4031 Packaging marked free from code, Fritt från-märkning) supplier MUST remove AW code.

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Allergen type codes in Prevas GCM in version 3.1 (English and Swedish list):

<p>Celery Cereals containing gluten Crustaceans Eggs Fish Lupine Milk Molluscs Mustard Peanuts Sesame seeds Soybeans Sulphur Dioxide and Sulphites Tree nuts</p>	<p>Blötdjur Fisk Jordnötter Kräftdjur Lupin Mjök Nötter (eng: tree nuts) Selleri Senap Sesamfrön Sojabönor Spannmål som innehåller gluten Svaveldioxid eller sulfit Ägg</p>
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Note: Allergen type codes NOT included in the list above will not be migrated and will be deleted except codes described above.

2.4 T4073 Nutrient type (NA, NACL, SALTEQ)

2.5 Information from GS1

In version 3.1 a number of nutrient types are removed in Swedish subset.

See code lists and compare between versions:

Version 2.8:

<http://gs1.se/sv/GS1-i-praktiken/Kodlistor/T4073-Naringsamne/>

Version 3.1:

<http://gs1.se/sv/GS1-i-praktiken/kodlistor-3.1/t4073-naringsamne/>

NA (sodium, natrium), NACL (salt, salt) are removed from Swedish subset but are still existing in GDSN code list.

Inform supplier that they must choose how to update trade item information if this is needed.

Most likely the physical package is already updated and it is only the electronical information that needs to be updated.

GS1 recommend solution provider (systemleverantör) to leave the values as it is and inform the supplier that they need to update and re-synchronize after Major Release.

2.5.1 Information about Prevas GCM migration

Code values NA and NACL are migrated. After Major Release supplier can remove NA and NACL codes and add correct information to code value SALTEQ (salt equivalent , salt) which is the nutrient that should be used in Swedish market for salt.

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2.6 T4073 Nutrient type (SUGER)

2.7 Information from GS1

GS1 recommend solution provider to migrate SUGAR to SUGAR-.

2.7.1 Information about Prevas GCM migration

Prevas will migrate nutrient type code SUGAR to SUGAR-.

2.8 Nutritional information is changed

2.8.1 Information from GS1

Nutritional information is changed and terms have moved or changed.

Se more information in GS1 document:

<http://gs1.se/sv/GS1-i-praktiken/Artikelinformation/gdsn-major-release-3.1/>

Document: Migration document 2.8.5 to 3.1 v1.0.xlsx

Guideline:

<http://gs1.se/globalassets/artikelinformation/trade-item-information-guideline-3.1-beta-2.1-version-en.pdf>

2.8.2 Information about Prevas GCM migration

This table shows how the terms will be migrated:

Term in version 2.8	Term in version 3.1	Comment
T4069 Tillagningsstatus	T4069 Tillagningsstatus, kod Preparation state code	
T4070 Typ av intagsrekommendation	T4070 Typ av intagsrekommendation Daily value intake reference	
T4071 Portionsstorlek	T3821 Beskrivning av portionsstorlek Serving size description	T4071 removed , T3821 used
T4072 Basmängd	T3824 Basmängd för näringssdeklaration Nutrient basis quantity	T4072 removed , T3824 used
T5100 Enhet	T3780 Måttenhet, kod Measurement unit code	T5100 removed , T3780 used
T4073 Näringsämne	T4073 Näringsämne Nutrient type code	
T4074 Mängd	T4074 Näringsämnesmängd Quantity contained	
T5101 Enhet	T3780 Måttenhet, kod Measurement unit code	T5101 removed , T3780 used
T4075 Måttprecision	T4075 Måttprecision Measurement precision code	
T4076 Andel av dagsintag (%)	T4076 Andel av dagsintag (%) Daily value intake percent	
	T3823 Portionsstorlek, värde Serving size	New term.

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Term in version 2.8	Term in version 3.1	Comment
		Measurement value specifying the serving size in which the information per nutrient has been stated.
	T3820 Typ av basmängd Nutrient basis quantity type code	New term: The type of quantity contained for example measurement, serving size, or container.

Prevas migrate data in following way:

T3820 = BY_MEASURE if T3824 = 100

T3820 = BY_SERVING if T3824 >100 or <100

T3823 = T3824 if T3824 >100 or < 100. Otherwise T3823 is left empty.

2.9 New validation rule for terms T0187, T3748 och T3747

New validation rule is implemented which can cause validation error.

Example in version 2.8:

Barcode standard, code [T0187](#)



Properties Show Less

AIDC Presence code

AIDC Presence code [T3747](#)

Application identifier type [T3748](#) code

Data carrier type code [T3749](#)

Example in version 3.1:

Data carrier

Data carrier

[T3748](#) Application identifier type code

[T0187](#) Data carrier family type code

[T3747](#) Data carrier presence code

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Many trade items have information in T0187 but not in T3748 or T3747. Then following validation rule (730349) will cause following validation error:

AIDC Presence code (T3747), Application identifier type code (T3748) or Data carrier family type code (T0187) is missing. They are used together, i.e. if one is used, all must be used.

In Swedish:

Maskinellt läsbar märkning (T3747), Typ av maskinellt läsbar information (T3748) eller Databärartyp (T0187) saknas. Termerna används alltid tillsammans, dvs används en så måste alla användas.

2.9.1 Information about Prevas GCM migration

According to the validation rule all Data carrier fields (T3748, T0187, T3747) needs to have a value if one of them have one.

T0187 is migrated to T3747.

If T0187 has got a value T3747 is set to ALWAYS.

Supplier need to update T3748 with one of following values if T0187 has got a value:

Code	Name
10	Batch Number
15	Best Before Date
17	Expiry Date
310N	Net Weight

2.10 Migration of Food and beverage extension at Trade unit level (mellannivå)

In GS1 specifications for version 2.8 the Food and beverage extension could be mapped to any level and could be different between levels. This functionality is not implemented in current version of Prevas GCM.

In current version 2.8 of Prevas GCM the Food and beverage extension is mapped to base unit level. If consumer unit (T4037) is marked on Trade unit level the Food and beverage extension from base unit level is copied in to the Trade unit level in the xml-message which is created when sending trade item information to Validoo. Then it is possible for Validoo Q-lab to perform quality assurance of consumer unit on trade unit level.

In GDSN Major Release 3.1 there is no Food and beverage extension. This information is included in the trade item information and it is possible to add this information on all levels. So then you can add this information on the level that is marked as a consumer unit.