



Release Notes

GS1 Germany GDSN Target Market Profile FMCG – Fast Moving Consumer Goods

Release Notes May 2024 V2, 18th May 2024
based on GDSN BMS 3.1.27 and
GPC Standard November 2023

Note:

The changes listed in this document were coordinated and approved by the GDSN specialist group for the German target market. The technical implementation is the responsibility of the respective GDSN data pools.



Document Summary

Document title	Release Notes GS1 Germany GDSN Target Market Profile FMCG – Fast Moving Consumer Goods
Document description	The documentation contains a summary of the latest adjustments and improvements to the GS1 Germany GDSN Target Market Profile FMCG.
Version	V2

Contributors

Name	Organisation
Nirusa Naguleswaran	GS1 Germany
Wladislaw Chudinovskykh	GS1 Germany

Change log

Version	Änderungsdatum	Geändert von	Zusammenfassung der Änderung
V2	29.04.2024	Nirusa Naguleswaran	<ul style="list-style-type: none">Chapter 3.4 Migration: Update of the note regarding the pending deletion of the two attributes M161 & M485.Chapter 3.2 Code lists:<ul style="list-style-type: none">Correction of the name of the code list ReferencedFileTypeCode.Update of the code list NutrientTypeCodeOther with the new code "X_MCT".

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It started with a simple beep.

In 1974, a barcode was scanned for the first time in a supermarket. This was the beginning of automated checkout - and the start of GS1's success story. The machine-readable GS1 barcode with the included GTIN is now the universal standard in the global exchange of goods and is scanned six billion times a day on products. GS1 standards are the global language for efficient and secure business processes that are valid across company boundaries and continents. As part of a global network, we work with our customers and partners to develop market-driven and future-oriented solutions that directly contribute to their business success. Today, two million companies from over 20 industries worldwide use this language to uniquely identify products, locations and assets, to record relevant data and to share it with business partners in the value creation networks. GS1 - The Global Language of Business.

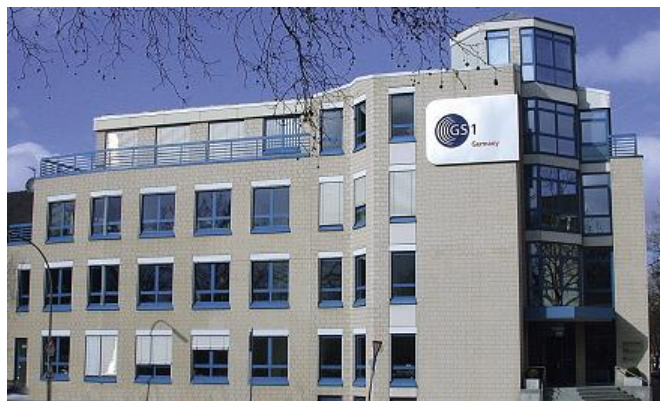


Table of Contents

1	Introduction.....	6
1.1	Release Planning 2024	6
1.2	Documentation	7
2	BMS Release Information.....	8
2.1	Overview BMS Release	8
2.2	General BMS Changes.....	8
2.3	Consequences for the GS1 Germany GDSN Target Market Profile FMCG	9
3	Changes to the GS1 Germany GDSN Target Market Profile FMCG	10
3.1	Attributes	10
3.2	Code Lists	12
3.3	GDSN/Community Validation Rules.....	14
3.4	Migration.....	15
3.5	GPC Version	16
4	Publication Updates	17
	Contact.....	19
	Legal Notice	19

1 Introduction

The documentation of the GS1 Germany GDSN Target Market Profile FMCG is revised and published every year in four update cycles.

Section [1.1 Release Planning 2024](#) presents a detailed overview of the release plan for the current year.

Both release dates for the GS1 Business Message Standard (BMS) and corresponding dates regarding the target market requirements for the German FMCG target market profile are listed. The BMS GoLive date serves as a guideline and orientation point for planning the release dates within the framework of the GS1 Germany GDSN target market profile FMCG in the coming periods.

The documentations affected by the changes are listed in section [1.2 Documentation](#).

1.1 Release Planning 2024

BMS Release	BMS Test Launch	BMS GoLive	GS1 Germany GDSN Target Market Profile FMCG Freeze Target Market Requirements (received, agreed & commissioned) Corresponds to previous BMS GoLive	GS1 Germany GDSN Target Market Profile FMCG Documentation & Release Notes 8 weeks before BMS GoLive	GS1 Germany GDSN Target Market Profile FMCG GoLive Corresponds to current BMS GoLive
GS1 Germany GDSN Target Market Release FMCG – February V1 Release					
BMS 3.1.26 <i>Efficient codelists and regulatory attributes only</i>	23rd December 2023	24th February 2024	18th November 2023	30th December 2023	24th February 2024
GS1 Germany GDSN Target Market Profile FMCG – May V1 Release					
BMS 3.1.27 <i>Large</i>	17th February 2024	18th May 2024	24th February 2024	23rd March 2024	18th May 2024
GS1 Germany GDSN Target Market Profile FMCG – August V1 Release					
BMS 3.1.28 <i>New Attributes and Efficient Code Lists</i>	15th June 2024	17th August 2024	18th May 2024	22nd June 2024	17th August 2024
GS1 Germany GDSN Target Market Profile FMCG – November V1 Release					
BMS 3.1.29 <i>Small</i>	14th September 2024	16th November 2024	17th August 2024	21st September 2024	16th November 2024

1.2 Documentation

- **BMS Maintenance Release 3.1.27** ([Maintenance release 3.1.27 | GS1](#))
- **GS1 Germany GDSN Target Market Profile FMCG** May Release V1 (<https://www.gs1-germany.de/gs1-solutions/stammdaten/gdsn/>)
 - The changes listed in this document have been coordinated and approved by the GDSN specialist group for the German target market. The technical implementation is the responsibility of the respective GDSN data pool.
- **Weitere Dokumentationen** (<https://www.gs1-germany.de/gs1-solutions/stammdaten/gdsn/>)
 - As part of the changeover of documentation from atrify to GS1 Germany, atrify has also changed the internal handling of documentation. For this reason, the Profiles Overview has been split into individual components to enable faster and more effective creation and maintenance. With this release, the Product Group Condition GPC is included in the documentation of the validation rules.
 - Profiles Overview Attribute
 - Profiles Overview Code Lists
 - Profiles Overview Validation Rules & Product Group Condition GPC
 - GS1_Germany_DQ_Standard_Validierungsregeln_2.26 (released)
 - Datenqualität im deutschen GDSN-Zielmarkt sichern

2 BMS Release Information

In the following section, you will first find a summary of the dates for the upcoming BMS release 3.1.27. This is followed by a list of the general adjustments in the BMS release. In addition, a brief overview of the BMS changes that affect the GS1 Germany GDSN target market profile FMCG is provided.

2.1 Overview BMS Release

Maintenance Release 3.1.27 (May 2024)	
Large	
1 st August 2023	Cut-off date for eballoted and approved Attributes and Validation Rules work requests
29 th September 2023	Cut-off date for eballoted and approved Efficient Code Lists (ECL) work requests
5 th December 2023	Estimated delivery date of final GS1 documentation for this release
17 th February 2024	BETA Environment
18 th May 2024	Production Deployment

2.2 General BMS Changes

New

- 7 Classes
- 37 Attributes
- 152 Code Values in 16 Code Lists
- 30 Efficient Code List (ECL) Values in 6 ECL Code Lists
- 17 Validations

Changes

- 10 Attributes
- 2 Efficient Code List (ECL) Values in 2 ECL Code Lists
- 9 Validations

Other

- Attributes
 - Deleted: 0
- Efficient Code List (ECL) Code Values
 - Deleted: 39
- Validation
 - Deleted: 0

A more detailed description of the general BMS changes can be found on the following GS1 Global website: [Maintenance release 3.1.27 | GS1](#)

2.3 Consequences for the GS1 Germany GDSN Target Market Profile FMCG

Below is a brief list of the BMS adjustments that have an impact on the GS1 Germany GDSN Target Market Profile FMCG. A detailed explanation of these changes can be found in Chapter [3 Changes to the GDSN Target Market Profile FMCG Germany](#).

Attributes

- Zucht- und Anbaumethode: Code [M046]

Code Lists

- ClaimElementCode
 - Claim: Elementcode [M079]
- PackagingMarkedLabelAccreditationCode
 - Akkreditierungslabel auf der Verpackung: Code [M309]
- DataCarrierTypeCode
 - Datenträger: Code der Art [M021]
- PreparationTypeCode
 - Zubereitungsart [M088]
- ReferencedFileTypeCode
 - Datei: Code der Art [M379]

3 Changes to the GS1 Germany GDSN Target Market Profile FMCG

The changes in the GS1 Germany GDSN target market profile FMCG are listed below. The first column of the table indicates the source of the respective adjustment.

3.1 Attributes

Source of Change (BMS / Target Market Requirement)	M-Number (BMS ID)	Attribute Name DE (EN)	Change type (Add; Change; Delete)	Description XML Path and SET-Anweisung (SET instruction), if applicable
Target Market Requirement	M311 (1471)	Zutaten / Inhaltsstoffe auf der Verpackung (Is packaging marked with ingredients)	Change	Clarification of supplementary community description to define more precisely the conditions under which a yes or no response is expected.
Target Market Requirement	M194 (3894)	UN Gefahrgutnummer (United nations dangerous goods number)	Change	Renaming of "UN Gefahrgutnummer" into "UN-Nummer" (engl. "UN Number") due to legal requirement.
Target Market Requirement	M259 (3517) M260 (3506) M258 (3504)	Artikelbeschreibung (Trade item description) Artikelkurzbeschreibung (Description short) Zusätzliche Artikelbeschreibung (Additional trade item description)	Change	Standardized DACH renaming with respect to attribute definitions and potentially attribute names: M259: Renaming of „Artikelbeschreibung“ into „Artikelbezeichnung“ and corresponding definitional modifications. M260: Renaming of attribute „Artikelkurzbeschreibung“ into „Artikelkurzbezeichnung“ and corresponding definitional modification. M258: Change of definition.
Target Market Requirement	M282 (3741)	Nettofüllmenge: Beschreibung / Sprache (Net content statement / Language)	Change	Clarification of the supplementary community description for „klarschriftlich“. Old: „Dagegen ist die Nettofüllmenge / Maßeinheit [M281] / [M281u] hier nicht klarschriftlich zu wiederholen.“
Target Market Requirement	M353 (3804)	Temperaturbedingungen: Code (Trade item temperature condition type code)	Change	Correction of code list name only in the documentation.
BMS	M046 (1259)	Zucht- und Anbaumethode: Code (Growing method code)	Change	Change of definition. Old definition: Angabe der Produktionsmethode, d.h. die Art der Aufzucht, Anpflanzung oder Kultivierung dieser Frischwaren.
Target Market Requirement	M027/M028 (1272/1273) M025/M026 (1272/1273) M029/M030 (375/376)	Klasse/Klasse: Grad des Vorkommens E-Nummern / E-Nummern: Grad des Vorkommens Allergen: Code/Allergen: Grad des Vorkommens	Change	Adaptation of the documentation according to the POV: Attributes previously described as attribute pairs are now described separately.

	M023/M024 (1272/1273) M233/M234 (68) M149/M481 (1506)	Deklarationspflichtige Zusatzstoffe und Ergänzungen der Bezeichnung / Deklarationspflichtige Zusatzstoffe und Ergänzungen der Bezeichnung: Grad des Vorkommens Zusätzliche Artikelidentifikation: Art / Wert Klasse für Obst und Gemüse / Klasse für Obst und Gemüse: Codepflegende Organisation		
Target Market Requirement	M148 (173)	Produkte	Change	Correction of the BMS-ID. Old: 173; New: 881
Target Market Requirement	M163 (256)	Herkunftsland - Landwirtschaft	Change	Correction of the BMS-ID. Old: 256; New: 2794
Target Market Requirement	Affects several attributes		Change	Update of the BMS IDs in the POV column "BMS ID of attributes". The affected attributes are marked accordingly with the change information in the Profiles Overview Attributes.

3.2 Code Lists

Source of Change (BMS / Target Market Requirement)	Code List <i>Attribute name DE [M-Number], if applicable</i>	Change type (Add; Change; Delete)	Description
Target Market Requirement	NutrientTypeCodeOther <i>Sonstige Nährwertangaben: Bestandteil [M062]</i>	Add	Code list update with new code "X_ALGAE_OIL". Code list update with the code "X_MCT". The code has been transferred from the NutrientTypeCodeContent code list to the NutrientTypeCodeOther code list.
Target Market Requirement	LocalPackagingMarkedLabelAccreditationCode <i>Zusätzliche Akkreditierungslabel auf der Verpackung: Code [M310]</i>	Add	Code list update with 15 new codes: <ul style="list-style-type: none"> - "STROHHAEHNCHEN" - "PRIMAHUHN" - "BIO_NATUR_PUR" - "HOFGLUECK" - "TIERWOHL_VERBESSERT" - "PRO_TIERWOHL" - "BAUERNGUT_LANDLEBEN" - "WIESENHOF_PRIVATHOF_GEFLUEGEL" - "NETTO_STROHSCHWEIN" - "GUTFLEISCH_STROHSCHWEIN" - "STROHSCHWEIN_REGIONAL" - "BAYRISCHES_STROHSCHWEIN" - "GLUECK_SATT" - "NEULAND" - "EICHENHOF"
BMS	PackagingMarkedLabelAccreditationCode <i>Akkreditierungslabel auf der Verpackung: Code [M309]</i>	Add	Code list update with 19 new codes: <ul style="list-style-type: none"> - "AKTIVSTALL_FUER_SCHWEINE" - "ALMO" - "BAUERN_LIEBE" - "DLG_2_STERNE_BRONZE" - "DLG_3_STERNE_SILVER" - "DLG_4_STERNE_GOLD" - "FAIR_MAST" - "INITIATIVE_TIERWOHL" - "LONKI_GUTES_LEBEN"

			<ul style="list-style-type: none"> - "LONKI_PARK" - "NATURE_AND_RESPECT" - "OLIVIA_PANNON_WHITE" - "OLIVIA_PANNON_WHITE_PLUS" - "PRO_WEIDELAND" - "QM_MILCH" - "QM_MILCH_PLUS" - "QUALIVO" - "RELAX_RABBIT" - "TIERSCHUTZBUND_1_STERN". <p>Change of code name and definition for "TIERSCHUTZBUND".</p> <p>Deletion of code value "GLOBAL_GAP".</p>
Target Market Requirement	AdditivesENumbersCode <i>E-Nummern [M025]</i>	Add	Update of codelist with new code "E267" - Gepuffertes Essig (engl. "Buffered vinegar").
BMS	ClaimElementCode <i>Claim: Elementcode [M079]</i>		<p>Update of code list with 5 new codes:</p> <ul style="list-style-type: none"> - "ALOE_VERA" - "COENZYME_Q10_UBIQUINONE" - "NATURAL_COLOUR" - "SHEA_BUTTER" - "VITAMIN_D3". <p>Change of definition of code "RECYCLED_MATERIAL" (correction). Old definition: A renewable resource material is an organic natural resource which can replenish to overcome usage and consumption, either through biological reproduction or other naturally reoccurring processes in a finite amount of time, for example wood.</p>
BMS	DataCarrierTypeCode <i>Datenträger: Code der Art [M021]</i>	Change	Change of code list name and definition for "NO_BARCODE".
BMS	PreparationTypeCode <i>Zubereitungsart [M088]</i>	Add	Update of code list with new code "PAR_FRY".
BMS	ReferencedFileTypeCode <i>Datei: Code der Art [M379]</i>	Add	<p>Update of code list with 3 new codes:</p> <ul style="list-style-type: none"> - "PHARMACEUTICAL_DRUGS_MEDICAL_DEVICES" - "REGULATED_PRODUCT_CONTENT_WEBSITE"

			- "SIZE_COMPARISON".
Target Market Requirement	AdditionalTradeItemClassificationCode CatchAreaCode DangerousSubstancePhaseOfMatterCode DeviceRiskClass MDR_IVDR DeviceRiskClass MDD/AIMDD/IVDD FishSeafoodPresentation MaturationMethodCodeType MeasurementUnitCode NonBinaryLogicEnumerationCode OpacityTypeCode PackageTypeCode ProduceSeedPresenceTypeCode	Change	Code lists renamed in accordance with the global GDSN standard: AdditionalTradeItemClassificationCodeListCode CatchAreaCode_GDSN PhaseOfMatterCode DeviceRiskClass_MDR_IVDR DeviceRiskClass_MDD_AIMDD_IVDD FishSeafoodPresentationCode MaturationMethodCode MeasurementUnitCode_GDSN NonBinaryLogicEnumeration OpacityTypeCode(Cosmetics) PackageTypeCode_GDSN ProduceSeedPresenceCode

3.3 GDSN/Community Validation Rules

This release does not contain any changes to GDSN/community validation rules.

3.4 Migration

Last year, GS1 in Europe, in collaboration with the B2B2C Group, produced an EU Organic Guide in accordance with EU Regulation 2018/848. This guide aims to harmonize the European GS1 member organizations in the field of organic production and labelling of organic products. You can find the European guide under the following link: [B2B2C – GS1 in Europe](#).

The German target market profile will also be aligned with this guideline. The chapter on ecological products in our documentation will therefore be adapted accordingly. **These changes will take effect with the release in November 2024. In this letter, we solely inform about the upcoming changes.**

Significant changes include:

- Ökologische Herkunft [M160] (BMS ID 1248):
 - The code "2" (at least 95% processed products and 100% fresh products) will be used to indicate "organic" for fresh fruit and vegetables.
The definition of the code will be adapted accordingly in accordance with the EU organic guideline: Code "2" = Organic in accordance with the regulation in force for the target market and for the product. E.g., in EU for processed food, when at least 95 % of the agricultural ingredients of the product by weight are organic; 100 % organic for fresh products like fruit and vegetables, meat, fish, eggs, etc.
- Bio-Kontrollstelle [M159] (BMS ID 685):
 - Change of the GDSN mapping to:
farmingAndProcessingInformationModule/
tradeItemOrganicInformation/organicClaim/organicCertification/
organicCertificationIdentification
- Bio-Qualitätskennzeichen [M161] & "Ökologischer Artikel: Code der Kontrollinstanz [M485]":
 - Both attributes are marked for deletion.

3.5 GPC Version

In this illustration, the GPC version is shown alongside the GDSN release version to which it applies.

The GPC classifies products by dividing them into categories based on their essential properties and their relationship to other products.

Release Planning GPC & GDSN

GPC Publication Date	GDSN Release Number	GDSN Release Type	GDSN Prod Release Date
May 22	3.1.21	Small	19 Nov 22
	3.1.22	Attr. + ECL	25 Feb 23
Nov 22	3.1.23	Large	20 May 23
	3.1.24	Attr. + ECL	19 Aug 23
May 23	3.1.25	Small	18 Nov 23
	3.1.26	Attr. + ECL	24 Feb 24
Nov 23	3.1.27	Large	18 May 24

Detailed information about the added, changed and deleted GPC Bricks of the November 2023 GPC publication - relative to the May 2023 GPC publication - can be found in the GS1 Global delta documents at the following link: [Maintenance release 3.1.27 | GS1](#).

4 Publication Updates

Publications relevant to the GS1 Germany GDSN Target Market Profile FMCG are listed in the table below. They will be published as they are completed but may not come into effect until the next BMS GoLive date.

Title and Version	Description and Link	Date of Publication	Valid from
GDSN Mapping von Kategorie übergreifenden rechtlichen Pflichtangaben V1.6	<p>Update</p> <ul style="list-style-type: none"> The claim „Kakao: ...% mindestens“ is now also allowed in the attribute „Rechtlich vorgeschriebene Produktbezeichnung“ [M261]. Since 8th December 2023, all wines, sparkling wines, fruit wines and aromatized wines sold in the European Union which are produced after this date must contain information on the ingredients, allergens, energy and nutritional values on the bottle labels in accordance with EU Regulation 2021/2117. According to the new legal requirements the existing mandatory information (e.g., alcohol content, allergen labelling, bottler's information, etc.) must be supplemented with a nutrition declaration including <ul style="list-style-type: none"> information on calorific value, fat, saturated fat, carbohydrate, sugar, protein and salt content) and the list of ingredients (= list of ingredients used in order of relative mass). For mapping the legal requirements for wines, sparkling wines, fruit wines and flavoured wines to their respective attributes within the GDSN standard, a new category "Wein" has been introduced in the GS1 GDSN mapping. <p>Publikation: GDSN Mapping von kategorieübergreifenden rechtlichen Pflichtangaben - [40000010306750] GS1 Germany (gs1-germany.de)</p>	04/24	Valid
GDSN-Umsetzungsleitfaden für zusätzliche Label-Informationen V1.0	<p>Translation (initial publication)</p> <p>German translation of the European GDSN Implementation Guideline for Additional Label Information Version 1.0.</p> <p>Datei Download GS1 Germany (gs1-germany.de)</p>	04/24	Valid
GDSN-Umsetzungsleitfaden zur technischen Anwendung im Rahmen der LMIV Version 5.1	<p>Update</p> <p>Clarification regarding the structure for stating nutritional values. For component articles, a clear and individual representation of the nutritional values per component is expected.</p> <p>GS1 Document Type (gs1-germany.de)</p>	03/24	Valid
Profiles Overview Validation Rules & Product Group Condition GPC 24.05 v1	<p>Update</p> <p>Adjustment of the GPC-Matrix regarding the DQX- and Media Asset validations according to the GPC Standard of May 2023. The Class</p>	03/24	Valid

	<p>"50211600 - Cannabis - Lebensmittel" is replaced by "12010100 - Cannabis - Edibles". The corresponding bricks were still noted for the media asset validation.</p> <p>Stammdaten weltweit im GDSN austauschen GS1 Germany (gs1-germany.de)</p>		
<p>GDSN-Umsetzungsleitfaden für Tiernahrung im deutschen Zielmarkt</p> <p>Version 1.7</p>	<p>Update</p> <p>Adaptation according to the European GDSN Pet Food Guideline.</p> <p><i>Link pending</i></p>	04/24	18.05.2024

Contact

Email: gdsn@gs1.de

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Publisher:
GS1 Germany GmbH

CEO:
Thomas Fell

GS1 Germany GmbH
Maarweg 133, D-50825 Cologne

P.O. Box 30 02 51
D-50772 Cologne

Phone: +49 (0)221 94714-0
Fax: +49 (0)221 94714-990

Email: info@gs1.de
Homepage: www.gs1.de

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