



How do I improve my product sheets?

Supplier Report - My Product Manager

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3	09 october 2020	Sarah Mercier	Update chapter 1, step 1
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B. Warning and errors

The data quality report also distinguishes between **warnings** and **errors**

Your validation failures

Severity ● Error ● Warning

Products with **blocking** errors are not visible to data customers. It is therefore imperative that these product data sheets are corrected or supplemented.

The products with warnings, which are **not blocking**, are visible to data recipients. However, the product information does not comply with the sector agreements laid down in the data model and the associated validation rules.

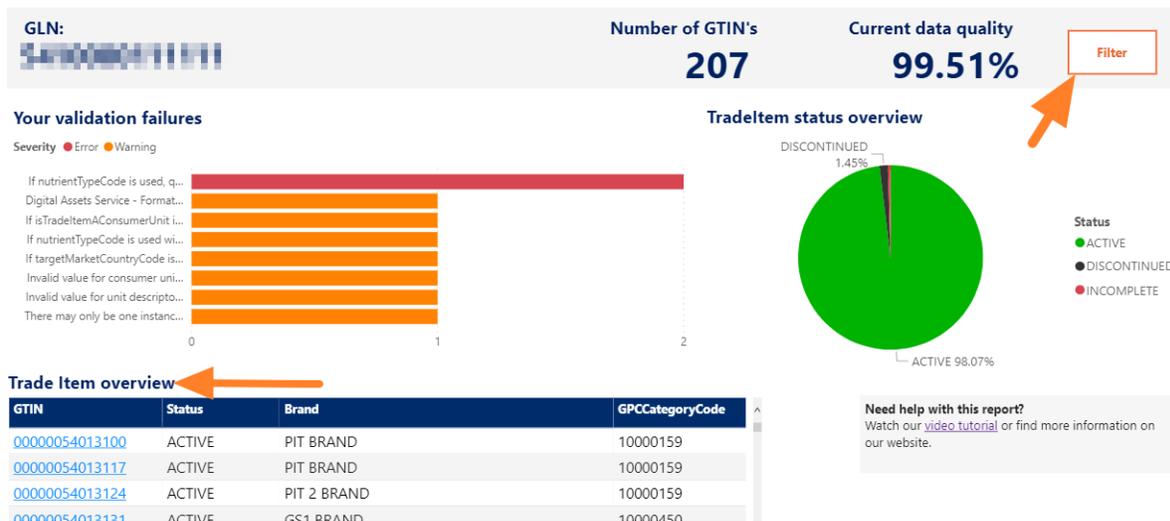
We recommend resolving both the blocking (error) and the non-blocking (warning) error messages. In this way, the data quality will improve and both the data receivers and the end consumers will receive complete and correct product information. **Please also bear in mind that some current warnings will also become errors in the future in order to continue to improve data quality.**

C. Visualisation modes

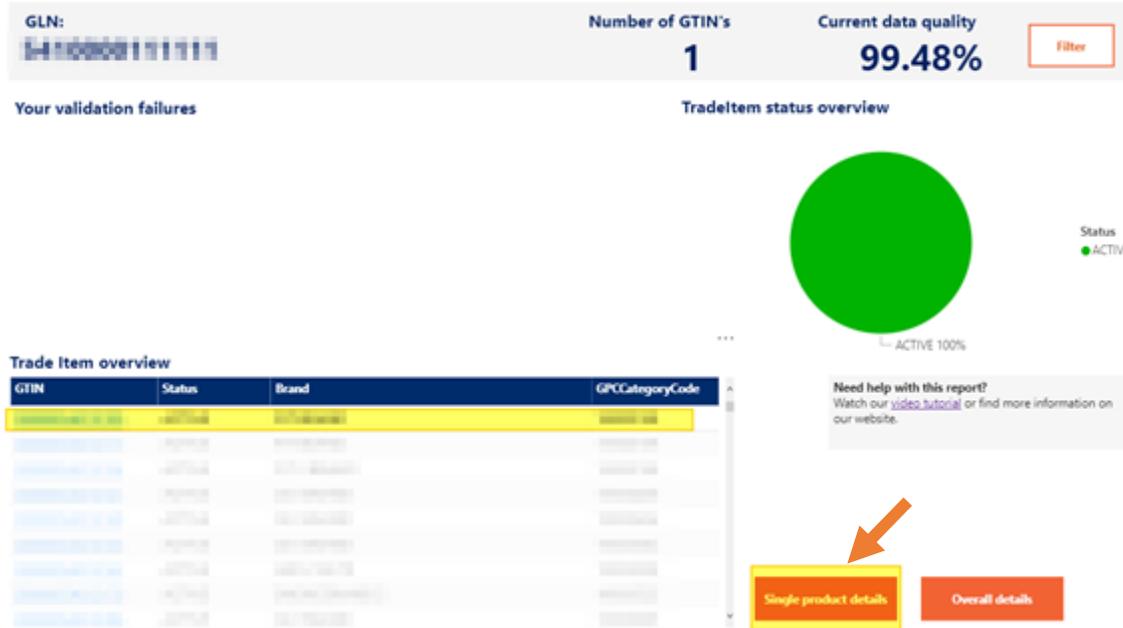
There are two modes of data visualisation: '**Product details**' or '**overall details**'



The 'Product details' mode allows you to select your products from the 'Trade Item Overview' list and view their status and any error or warning by product.



Once you have selected your item, you can view the product details on the general dashboard or activate the **'Single product details'** mode to display the detail sheet for the selected GTIN.



GLN: 4140000111111

Number of GTIN's: 1

Current data quality: 99.48%

Filter

Your validation failures

Tradetitem status overview

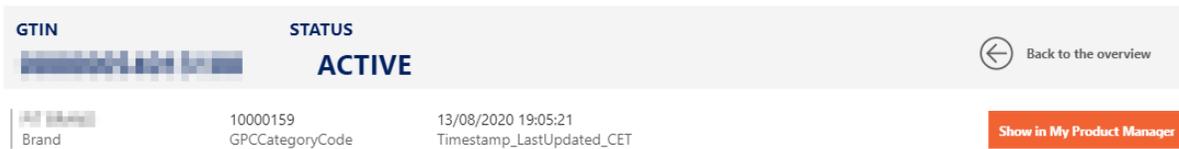
Trade Item overview

GTIN	Status	Brand	GPCCategoryCode
4140000111111	ACTIVE	10000159	10000159
4140000111111	ACTIVE	10000159	10000159
4140000111111	ACTIVE	10000159	10000159
4140000111111	ACTIVE	10000159	10000159
4140000111111	ACTIVE	10000159	10000159
4140000111111	ACTIVE	10000159	10000159
4140000111111	ACTIVE	10000159	10000159
4140000111111	ACTIVE	10000159	10000159
4140000111111	ACTIVE	10000159	10000159
4140000111111	ACTIVE	10000159	10000159

Need help with this report? Watch our [video tutorial](#) or find more information on our website.

Single product details

Overall details



GTIN: 4140000111111

STATUS: ACTIVE

Back to the overview

Brand	GPCCategoryCode	Timestamp_LastUpdated_CET
10000159	10000159	13/08/2020 19:05:21

Show in My Product Manager

Validation results

Severity	ErrorMessage
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Regarding the 'Overall details' mode, it allows you to consult your errors or warnings in the form of a list. To extract the list in Excel format, please click on the -icon in the top right corner of the list. Then select **'Export data'**.

Please find below a complete list of your products with their respective validation issues.
(1 line per Error/Warning)
You can export this list in .xlsx format.

Search on GTIN

Select all

Only blocking errors

Only blocking warnings

Product status

ACTIVE

DISCONTINUED

Warnings vs. errors

(Blank)

Error

Warning

GTIN	Status	Brand	IsAConsumerUnit	InformationProviderCode	InformationProvider	Timestamp_LastUpdated_CET	Severity	Error
05410000001160	ACTIVE	SMOKE 27/04	True	5410000111111	GS1 BELGIUM SUPPLIER	30/06/2020 15:52:36	Warning	Invalid value for unit descriptor
05410000001160	ACTIVE	SMOKE 27/04	True	5410000111111	GS1 BELGIUM SUPPLIER	30/06/2020 15:52:36	Warning	Invalid value for unit descriptor
05410000000010	ACTIVE	QSI	True	5410000000010	TEST ACCOUNT SENDING FROM GDSN	11/09/2020 14:58:47	Warning	Invalid value for unit descriptor
05410000000010	ACTIVE	QSI	True	5410000000010	TEST ACCOUNT SENDING FROM GDSN	11/09/2020 14:58:47	Warning	Invalid value for unit descriptor
05410000000010	ACTIVE	QSI	True	5410000000010	TEST ACCOUNT SENDING FROM GDSN	11/09/2020 14:58:47	Warning	Invalid value for unit descriptor
98765432112345	DISCONTINUED	TEST SET	True	5410000123456	GS1 TEST DATA SUPPLIER	15/09/2020 21:00:01	Warning	Invalid value for unit descriptor
98765432112345	DISCONTINUED	TEST SET	True	5410000123456	GS1 TEST DATA SUPPLIER	15/09/2020 21:00:01	Warning	Invalid value for unit descriptor

Products with **blocking** errors are not visible to data customers. It is therefore imperative that these product data sheets are corrected or supplemented.

The products with warnings, which are **not blocking**, are visible to data recipients. However, the product information does not comply with the sector agreements laid down in the data model and the associated validation rules.

We recommend resolving both the blocking (error) and the non-blocking (warning) error messages. In this way, the data quality will improve and both the data receivers and the end consumers will receive complete and correct product information. **Please also bear in mind that some current warnings will also become errors in the future in order to continue to improve data quality.**

Step 2: Log in to the system where you manage the product information

- If you are using the web interface of 'My Product Manager', please log in here: <https://myproducts.gs1belu.org> or directly click on the GTIN in the 'Trade Item Overview' to go to the productsheet.
- If you use the datapool via an M2M connection (machine-to-machine), you log in to your internal system where the product information is managed.
- If you are using another GDSN datapool, please log in to the system provided by that datapool.

Step 3: Modify your data

We advise you to use the following method. Other possibilities exist.

- Open the tab **"My reports"**,
- Check the indicated **error messages**,
- Correct each attribute for which an **error message** is described in the report, or complete the necessary information. The above-mentioned demonstration [video](#) shows how to do this in the report,
- Save your changes

Follow the same steps for each error message and/or product.

Step 4: Check that everything is correct

The overview of the quality of your data is "in real time". This means that if you have made the requested changes to a product sheet for which an error message has appeared, you can check immediately afterwards whether the error message still appears in your report. If the error message no longer appears, then you have set everything correctly. If there are still error messages, it means there are still adjustments to be made.

2 Simulation report new data models

The data model of the sectors is updated four times a year. Why these updates? To monitor the constant evolution of the market and to implement this in our data model.

The full release notes and the data models can always be consulted on our website:

- [FMCG & Foodservice](#)
- [Doe-het-zelf, Tuin & Dier](#)

To prevent product sheets from being “incomplete” on the day of the change (update data model), a simulation of the impact is performed some time in advance. This to give you the opportunity to adjust the product sheets in advance. This prevents that data customers are not able to see the product sheets, but also prevents you from having to update many product sheets in a hurry.

You will therefore receive an email for every change to the data model. With the information when these upgrades will take place and when the simulation report will be available.

Attention!: The simulation report is a snapshot. So, if you make changes to your product sheets and want to check the changes, you will not be able to check this with the simulation report!

Step 1: Find the report

Click on “My Reports”.



Once clicked on “My Reports”, you will see “Simulation Report” at the top right. To proceed to the report, simply click on it.

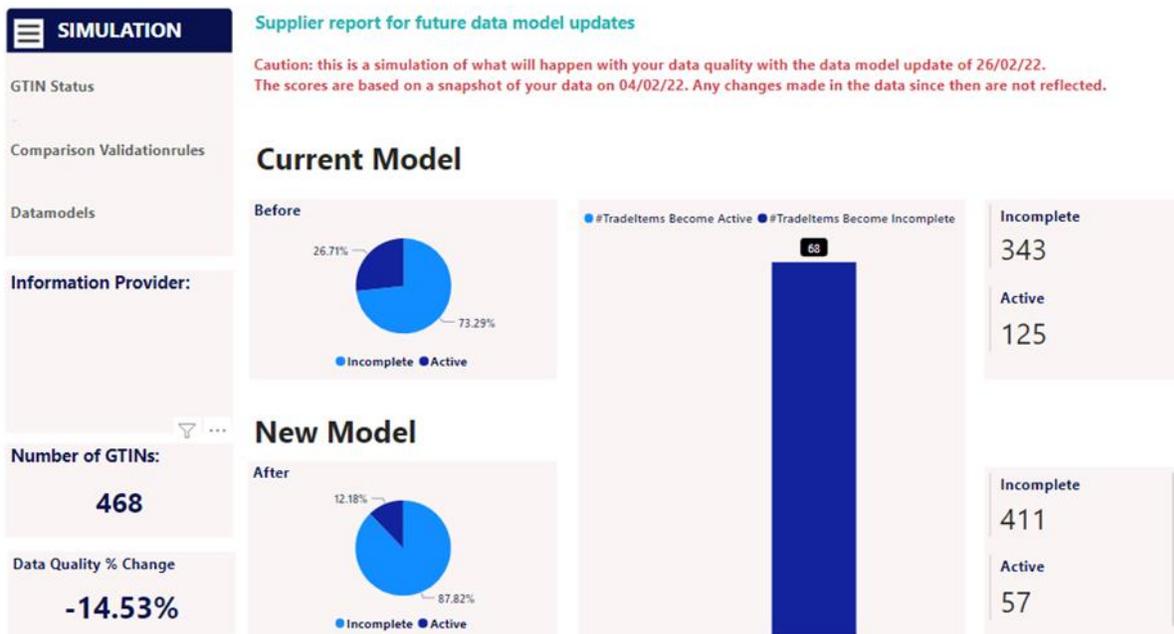


Step 2: interpret the impact of the new data model

On the overview, you can see the impact that the new data model will have on your product sheets. Example: at “Current data model” we see that 26.71% of the current products are currently “active” and 73.29% are “Incomplete”. After applying the new data model, we now look at “New Model” and we see that the “Active” products fall to 12.18% and the products that are “incomplete” rise to 87.82% (See next image).

With “Data Quality % Change” we get a faster picture of the impact of the new data model on your products sheets. In this example, the Impact is -14.53%. “Data Quality % Change” can be found at the bottom left of the following image.

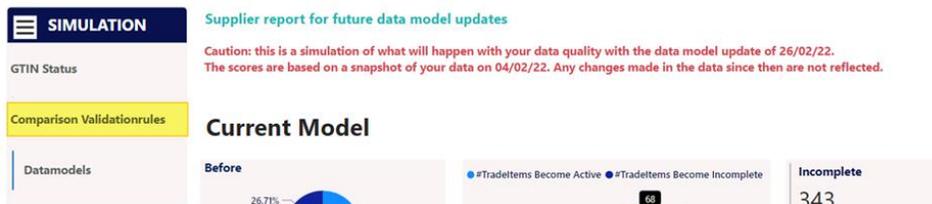
Simulation Report



Step 3: Export GTINs overview and their error messages

If you click on “Comparison validation rules” you will get an overview of:

- All GTINs in your profile
- Whether or not they are impacted by the new data model
- Which error messages you have per GTIN according to the new data model



3 Frequent error messages - Attribute Mapping - FMCG

Below you will find the most common **validation problems** and the explanation on which data you need to change, and which attribute applies in My Product Manager. The generic GDSN attributes for M2M (machine-to-machine) users are also listed.

Error message	Solution	Attribute in My Product Manager	Generic GDSN attribute
<p>gpcCategoryCode:</p> <p><i>Temporary gpcCode: The number you have used (99999999) is not a correct classification code and can only be used for a limited time. Please use an appropriate GPC brick code.</i></p>	<p>Choose a Brick-code from the Global Product Classification code list.</p>	Product classification code	gpcCategoryCode
<p>regulatedProductName:</p> <p><i>If targetMarketCountryCode is equal to '056' (Belgium) and gpcCategoryCode is in GPC Segment '50000000' or the value of gpcCategoryCode equals one of the values 10000467, 10000468 or 10000651 and isTradeItemAConsumerUnit is equal to 'TRUE', then regulatedProductName SHALL be used in NL and FR</i></p> <p><i>If targetMarketCountryCode is equal to '442' (Luxemburg) and gpcCategoryCode is in GPC Segment '50000000' or the value of gpcCategoryCode equals one of the values 10000467, 10000468 or 10000651 and isTradeItemAConsumerUnit is equal to 'TRUE', then regulatedProductName SHALL be used in DE and FR</i></p>	<p>For target market Belgium, fill in the legal name at least in French and Dutch. For the Luxembourg target market, do this in French and German.</p>	Regulated names	regulatedProductName
<p>Contact information:</p> <p><i>contactTypeCode should be filled at least once and take the value 'CXC'.</i></p>	<p>Enter at least one set of contact information, as indicated on the packaging. Use the code CXC</p>	<p>Contact information</p> <ul style="list-style-type: none"> - Contact Type = CXC - Contact Name - Address 	<p>contactTypeCode –</p> <p>contactName –</p> <p>contactAddress</p>
<p>netContent:</p> <p><i>If isConsumerUnit equals to 'true', then the quantity of the net content must be a positive value greater than zero and smaller than 100000.</i></p>	<p>Entry of the net content, as indicated on the packaging, is mandatory.</p>	Net Content	netContent
<p>isAllergenRelevantDataProvided:</p> <p><i>if isTradeItemAConsumerUnit is true, and if GPC is Food/Beverage, then isAllergenRelevantDataProvided must equal true</i></p>	<p>You should indicate that the allergen information is correct and has been entered as indicated on the packaging.</p>	<p>Is allergen relevant data provided?</p> <p>True/False/None</p>	isAllergenRelevantData Provided

<p>referencedFiles[0].uri:</p> <p><i>Incorrect referencedFileTypeCode</i></p>	<p>Always make sure you have an up-to-date link. If the link is invalid, it cannot be read by My Product Manager.</p>	<p>Referenced Files</p>	<p>uniformResourceIdentifier</p>
<p>isConsumerUnit:</p> <p><i>Invalid value for consumer unit flag. A trade item with GTIN 14 is always a non-consumer unit.</i></p>	<p>A consumer unit cannot be a GTIN-14. If the item is a carton, display or pallet, it may not be referred to as a Consumer Unit.</p>	<p>Is it a consumer unit item ? = False</p>	<p>isTradeItemAConsumerUnit</p>
<p>unitDescriptorCode:</p> <p><i>Invalid value for unit descriptor code. A trade item with GTIN 14 only supports case, display or pallet as unit descriptor code.</i></p>	<p>A base unit cannot be a GTIN-14. If the item is a carton, display or pallet, it cannot be referred to as a basic unit.</p>	<p>Product level? = Case, Display, Pack or Inner Pack, pallet</p>	<p>measurementPrecisionCode</p>
<p>nutrientHeaders[0].nutrientDetails[7].measurementPrecisionCode:</p> <p><i>measurementPrecisionCode SHALL equal 'APPROXIMATELY' or 'LESS THAN'.</i></p>	<p>The unit of measurement of a nutritional value can only be filled in with 'Approximately' or 'Less than'. Other values are not allowed.</p>	<p>Measurement precision = 'approximative' or 'less than'</p>	<p>measurementPrecisionCode</p>
<p>nutrientHeaders[0].nutrientDetails[7].measurementPrecisionCode:</p> <p><i>If nutrientTypeCode is used with the value 'ENER-' then (quantityContained SHALL be used 2 times, one with quantityContainedUoM = KJO and one with quantityContainedUoM = E14) or (there SHALL be 2 iterations of nutrientDetail with nutrientTypeCode = ENER-, one with quantityContainedUoM = KJO and one with quantityContainedUoM = E14). We recommend to enter the 2 quantityContained values at the same 'ENER-' value, instead of entering the 'ENER-' value twice. By May 2021 all data will be migrated to only support the first way of working.</i></p>	<p>When filling in the nutrient type code 'ENER-', please enter the values KJO (KiloJoules) and KCAL (E14). We recommend filling in the two values (KJO and KCAL) in one 'ENER-' value, and not entering the value 'ENER-' twice. From May 2021, all product data will be migrated, to support only the first way of working.</p>	<p>Quantities > Unit of measure = KJO + E14</p>	<p>quantityContained/@measurementUnitCode</p>
<p>referencedFiles[0].fileName:</p> <p><i>referencedFileName must have a length between 1 and 70</i></p>	<p>When loading a link, please limit it to 70 characters.²</p>	<p>Referenced Files</p>	<p>fileName</p>

4 Frequent error messages – Attribute Mapping – DIY, Garden & Pet

Here you will find the most common validation problems for the do-it-yourself, garden & pet sector. We explain which data you have to change, and which attribute is applicable in My Product Manager. The generic GDSN attribute for M2M (machine-to-machine) users is also listed.

Error message	Solution?	Attribute in My Product Manager	Generic GDSN attribute
Invalid value for "Material"	<p>Only the main materials can be specified in the "Material" attribute, such as "metal or plastic". More detailed values can be entered under the attribute "Material (detail)"</p> <p>Remove the invalid value and replace it with a valid value from the code list. If you wish to provide more details, the second attribute "Material (detail)" can also be filled.</p>	<p>4.012 Material</p> <p>8.299 Material (detail)</p>	propertyCode
For this entered gpcCategoryCode, it's required to enter "Suitable for"	<p>The attribute "Suitable for" is a code list where you indicate what the product is suitable for. You have to choose a correct value from the code list. The attribute is repeatable and has been made mandatory for a number of GPC bricks within the data model.</p> <p>Fill in the attribute with a valid value from the code list.</p>	6.490 Suitable for	propertyCode
PackagingTypeCode must not be empty	The "Packaging type code" attribute is mandatory for all products. Choose the correct code from the code list.	0.111 Packaging Type Code	packagingTypeCode

Questions? Contact the helpdesk of your sector via fmcg-foodservice@gs1belu.org or diy@gs1belu.org or by phone +322 229 18 88