Compano Online Software

DQR Export
COS PIM

Version 4.4

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Contents

1   Introduction

This document describes how an export file, in DQR format—which can be used for the *ARGE-SHK brancheportal* and/or *Opendata/OpenDataCheck*—can be generated in Compano Online Software.

General knowledge of the DQR guideline is needed to understand which actions must be taken to ensure a valid export of data using COS. The guidelines have changed considerably over the past years and will continue to do so.

Important: In some cases, validations have even become stricter at both the ARGE/SHK and OpenData Portal, while the guideline 'officially' did not change. In general, an upload will be successful only if the exported file technically complies to the rules, as established in the XML Schema Definition (XSD), however the DQR guidelines contain several rules that are not dealt with on XSD-validation, which means that extra validations are made when delivering the data.

This document explains how to best prepare for a DQR export.

Note: Not all fields/possibilities of the DQR format are covered by COS PIM. Mostly, this concerns optional and/or less relevant information. Please contact Compano Support if you need or want to export information that has not yet been implemented in Compano's DQR export.

1.1   Concepts

COS	Compano Online Software
PIM	Product Information Management system
ARGE	*ARGE* is the exchange format of *ARGE Neue Medien. Participants* use this format to exchange their data with the *Sanitär-Heizung-Klima (SHK)-Branche Portal*. The ARGE format follows the DQR guideline, which is maintained by SHK.
DQR	The new *Data Quality Guideline* contents have been adopted by ARGE, BVBS, DG Haustechnik and ZVSHK. The new DQR will be valid from April 1, 2022 and will be mandatory from October 1, 2022. Note: The DQR guideline can also be used to import the *OpenDataCheck* format.

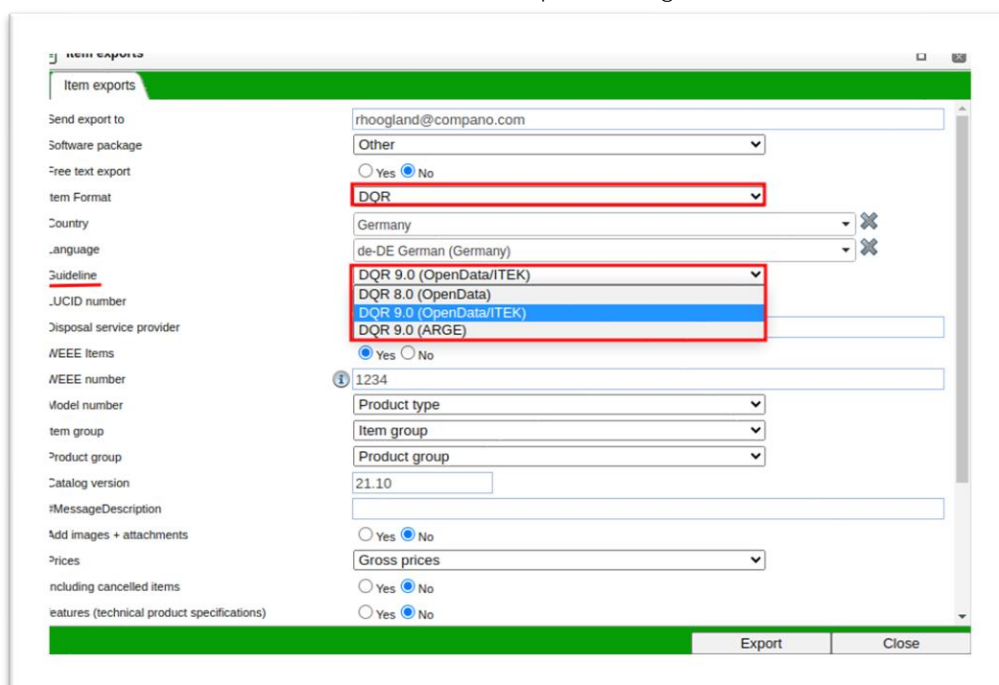|	
OPENDATA	Beside the ARGE/SHK portal, the same data can be published to or retrieved from the OPENDATA portal which is maintained by German service provider *ITEK*.
ERP	Enterprise Resource Planning software often also used for storing and managing product information. Examples of ERP software are, for instance, SAP, Infor M3, Microsoft Dynamics
ETIM	International standard for classification of product data for the construction and engineering sector
Entity	Data object in COS. For instance: Product, Item, Relation, Manufacturer, etc.

2 General Remarks

The *Datenqualitätsrichtlinie (DQR) export format* can be used for exchanging data with either the *ARGE SHK Brancheportal* or the *OpenData / ITEK Portal.* As the file headers for ARGE and OpenData differ, the correct Guideline needs to be set in the Export dialog:

However, consider that the DQR format does contain some *limitations and mandatory rules*:

- Item codes can have a maximum of 15 positions. Note that items with longer codes are simply *not exported* using this format. Tip: If your codes are longer than 15 positions, you will need to make uses of an assortment within COS PIM where you use *adjusted codes* suitable for the German market.
- One record in a DQR file is a mix of item and product data. This means that a product linked to the item is mandatory. Note that an item without a product will simply not be exported.
- The data needs to contain *German descriptions*. This means that, in case of a multilingual PIM, the German description needs to be filled out.
- Whereas the Dutch SALES005 standard uses both *short* (70 characters) and *long* (256 characters) descriptions for items, for the German market a longer description can as well be divided over two data fields: *Description 1* and *Description 2.* Both fields can contain a maximum of 40 characters.

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- As the length of an _item description_ in COS can be 256 characters long, in the DQR export this (German) description will be used to fill DQR's `sDescriptionShort` since that description matches the 256-character limit. <u>Note</u>: When leaving the DE Item description blank, the Product description will also be exported as the Item description.

- The DQR format contains another (relatively new) description field `sDescriptionLong` which would allow 10,000 characters. The Technical Description from COS will be exported to this field. The following fallback is active `Article > Article Group > Product > Product Group`. The description is not normalized on export; HTML-tags are therefore not removed. The maximum length is 1000 positions, if longer then the text will be truncated.
- The COS PIM data field _Commercial Description_ is is exported to the DQR field `sDescriptionMarketing` and to the (old style) DQR `Longtext` fields.

  - <u>Important</u>: When _automatic fallback of translations_ is enabled, it is sufficient to fill out the fields _Description 1_ and _2_ on the _Item_ tab, otherwise the _German translations_ of these two fields need to be filled out on the _Translation_ tab (!) (Preferred in a multilingual setup)

- All items in your assortment need to have a _reference_ to:

DQR required field	Max code positions	COS equivalent
Warengruppe	3	Item Group
Rabbatgruppe	4	Condition Group
Produktgruppe	10	Product Group

  <u>Note</u>: In COS PIM not all the equivalent fields have to be used. With the smart use of various export options, some problems can be bypassed, as long as _Condition group_ codes of 3 or 4 positions and/or _Item group_ codes for the relevant assortment and its items are used. See also chapter _4. Settings for Condition Group/Item Group/Product Group_.

- DQR allows for the export of ETIM classification data, however German data pools do not support the standard *ETIM Dynamic* format, which is commonly used in the Netherlands. Either ETIM 7[1] , ETIM 8, or ETIM 9 classifications can be used. Technically the DQR format allows for instance both ETIM 8 and 9 in one file, but COS PIM does not support that, on export you will have to choose one ETIM version. <u>Note</u>: On import, COS will only import the information of the highest ETIM-version.

  <u>Note</u>: To be able to classify in, for instance, ETIM 9, your PIM-system needs to be set up with the ETIM 9 classification system. You will also need to purchase the *Multi-classification License*; for more information, please contact Compano Sales (<u>sales@compano.com</u>).

- <u>Important</u>: DQR exports need to be initiated at the Assortment level, as only this export contains the various settings and options which are necessary for a successful export.

3   Settings assortment/supplier level

DQR exports generate an XML-file. The *header data* of this file will contain mandatory information that needs to be set correctly at the Assortment and Supplier entities in COS:

1. sSupplierID: The **sSupplierID** is taken from the *Organization* number in COS, which in turn is linked to the Supplier.
   a. The number/code used here is initially provided by the data pool.
   b. When *no organization* is linked to the supplier, the GLN-code from the supplier is exported, however this might lead to a validation error depending on where you deliver your data. Officially since DQR 7 use of a GLN is allowed. In case of errors check with the data pool if you are allowed to use a GLN-code (should be preferred) or that you must use a specific (mostly 2 or 3 digit) number.
   c. When uploading data for the first time, the correct **sSupplierID** number is not yet known and needs not be filled out. However, on subsequent uploads, the number supplied by the data pool *should be entered into COS* as the *Organization number*.

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[1] Most likely the German data pools will also allow or prefer now the newer ETIM 9 standard (situation as of June 2023).

2. sSupplierShortName: The **sSupplierShortName** is taken from the *German translation* of the *Assortment Description.*
3. sSupplierSynonym: The **sSupplierSynonym** is taken from the *Renumber Code* of the assortment. Which abbreviation to use, needs to be discussed with persons in charge of the data pool.

Other relevant information in the *header info* can be set through the *options on the Export pop-up screen:*

- LUCID number: *LUCID Packaging Register number.* <u>Note</u>: When no LUCID code is entered, the LUCID tag will not be exported.
- Disposal service provider: Name of provider responsible for disposal.
- WEEE items: *Waste Electrical and Electronic Equipment (WEEE) Regulation.* When set to **Yes**, *all items* will get the WEEE number specified here. <u>Note</u>: When WEEE Certificates are used at specific products and WEEE is *not* relevant for all your products, the WEEE number does not need to be provided here as the WEEE number of the WEEE certificate will be used.
- WEEE number: The WEEE number is a manufacturer number that is assigned to the first distributors of electrical and electronic equipment following successful registration with *Stiftung EAR.* It consists of a country code and an 8-digit sequence of digits (e.g. "WEEE Reg. No. DE 12345678"). According to the German Electrical and Electronic Equipment Act, manufacturers must state their WEEE number during product sales and on invoices.

- Catalogus version. The catalogue ID fills the `MessageName` tag and can also contain text **(like "Pricelist jan. 202**3**")**; any kind of text is allowed.

4 Settings for Condition Group/Item Group/Product Group

<u>Note</u>: Each item in the DQR export needs to be linked to a *Waregroup (Warengruppe)*, *Productgroup* (Produktgruppe)and *Discountgroup (Rabattgruppe)*. Optionally, the item can also be linked to a *Bonusgroup*.

DE name	Name in XML	COS PIM NL / EN
Warengruppe	sWaregroup	Artikelgroep / Item group
Rabattgruppe	sDiscountgroup	Conditiegroep / Condition group
Produktgruppe	sProductgroup	Productgroep / Product group[2]
Bonusgruppe	sBonusgroup	*Not used in Compano*
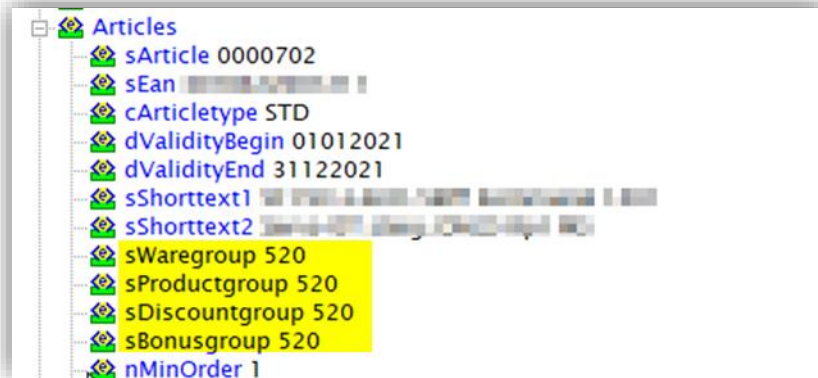
<u>Important</u>: Please be aware that when your items and products are *not* linked to COS Item, Product or Condition (Discount) groups, that the groups in COS have not been setup in a way that is suited for DQRexport.

To bypass any problems that might arise from your setup of groups, your Condition Group codes should have a maximum of 4 characters, and in some situation even 3 characters.
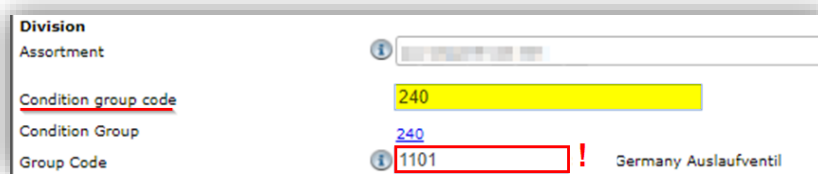

Figure 1. Example of an Item group code with too many characters.

Correct use of codes
Should you use Item, Product or Condition group codes in COS, and you need to export them in DQR, please make sure that:

- *Item group codes* have a maximum of 3 characters.
- *Product group codes* have a maximum of 10 characters.

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[2] Not to be confused with ETIM Product groups / Product class

- *Condition group codes* have a maximum of 4 characters.

Note: These requirements are mutually exclusive (!), thus, in the example above, the item would *not* be exported even though the condition group code has only 3 digits, the item group code is having too many characters (4). In the same line of thinking, the item should be linked to a product with a Product Group code of a maximum of 10 characters.

4.1 Export setting options

Depending on your situation, there are several options for the export settings which will help you to match the DQR requirements mentioned above. These options are explained below.

4.1.1 Best practice method

Note: While there are several export settings options, there is one *best practice method*:

When you setup *condition group codes* in COS with a maximum of 3 characters, you can use these for both the Item group (*Warrengruppe*) and Product group (*Produktgruppe*) codes for export to DQR:

WEEE Items	○ Yes ● No
Model number	Product type ⌄
Item group	Condition group ⌄
Product group	Condition group ⌄
Catalog version	21.10

This way, you will *never run into trouble* whatever the setup of your item or production group codes in COS.

4.1.2 Group codes in COS already match requirements

In case your group codes in COS already match the DQR requirements, you can make use of the default export settings:

Figure 2. Default DQR settings for item and product groups

4.1.3 Item group codes in COS not used or too long

If you do not use Item groups within COS or the item group codes you use are too long, there are two options:

a. Since item groups in COS are set per assortment, you could choose to setup 3-character item group codes, specifically for the assortment you need to export.
b. Or you can setup condition group codes with a maximum of 3 characters and use these as Item group (*Warengruppe*) codes for export instead:

4.1.4 Product group codes in COS not used, too long or not useable

If you do not use Product groups in COS or the product group codes you use are too long, or do not match the DQR requirements, there are two options:

a. If your *Item group* codes in COS *do* match the DQR requirements, you can use these as Product group (*Produktgruppe*) codes for export instead.
b. Or, you can setup *condition group* codes with a maximum of 3 characters and use these as Product group (*Produktgruppe*) codes for export instead:

4.1.5 When bonus group codes also need to be exported

Bonus groups are not available in COS. However, should you need to export Bonus group tags in your DQR data, then you can use the following setting to include these:

The contents of Bonus groups will be a full copy of *Discountgroups*.

4.2 Height, Length, Width, Weight

The DQR guideline requires that for a *Product Height, Length, Width* and *Weight* always are specified. However, the same information for *Items* is not formally required. Therefore, when the fields *Height, Length, Width* and *Weight* are not filled out in COS at the item, the corresponding tags within the `Packageunit` tag of DQR are *not* created on export.

Note: In practice, you should fill out the item *Height, Length, Width* and *Weight* as well, since these fields are increasingly found to be important.

5 Other settings on export

Some other export settings to take note of, are:

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1. Item Format: Select the *DQR* format. <u>Note</u>: DQR export are available for either the OpenData portal or the ARGE-SHK portal. Both portals accept this DQR format.
2. Country: Select Germany.
3. Language: Select a *German* language variant (de, de-DE).
4. Guideline: Select the desired DQR format:
   o DQR 8.0 / OpenData: Format suitable for both DQR 8 and OpenData.
   o DQR 9.0: DQR 9 format
   o DQR 9.0 (ARGE): DQR 9 format, specific for data submission to the ARGE Neue Medien portal.
5. Model Number (optional): Note that this setting might not be available in your COS PIM application. This option handles a client-specific situation, and should normally be left on Product Type.
6. Add images + attachments: When set to Yes, all images and attachments will be added to the export as a separate, compressed file (ZIP). Large export files (>10MB) will be available for download in your FTPS Download folder. For instructions on downloading via FTPS, please see the COS Basics manual, which is available from the <u>Compano Help website</u>.

7. Prices: Select *Gross prices*. Note: If an item does not have gross price, it will get a *price on demand* setting, but check the Guideline yourself that in some cases that is not allowed.
8. Include archived items: Set to `Yes`. According to the Guideline, deleted/archived items in COS PIM should be exported on *subsequent* exports for a limited period. Note: Less relevant on a first export.
9. Features (technical product specifications): Set to `Yes`. Exports the classification data.
10. Classification system: Set this to `ETIM7`, `ETIM8` or `ETIM9`. Important: Only do so, when your products *have indeed been classified* using the ETIM 7, ETIM 8 or ETIM 9 system (!).
11. Changes since: Basically, always leave *empty*, to ensure a full export.
12. Price Reference Date: When future prices have been added to your COS PIM, fill in the future price date if you need to export these future prices.
13. Start/End date: These dates indicate the validity of the catalogue. Please fill in the correct validity dates for this export. Note: Be aware that even if you set the end date to the end of this year, you still can add new uploads in between. This allows you to set the end date far enough forward[3].
14. Add bonusgroup based on discountgroup: When set to `Yes`, the bonus groups in the DQR export file will be copied from the *condition groups* in COS.

6 Descriptions

Some descriptions are handled differently by DQR.

6.1 Technical descriptions

The data field Technical Description will be exported in DQR as follows:

*   Technical description texts fall back from Item to Item group, to Product and finally to Product Group.
*   The German translation text is exported to `sDescriptionLong`, including HTML-tags.
*   The maximum length of a text is 1000 positions (including spaces). Longer texts will be truncated.

6.2 Descriptions for Condition group/Item group/Product group

When COS Item groups and Product groups are used—when referred to by the items to export[4]—these will be listed at the beginning of the XML-file. *Descriptions* of these groups will be taken from the German translation of the item or product groups.

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[3] Note that at *item* level you can set an end date for items that are running out. Often the end date in DQR6-files is filled out for all items with the end date from the pricelist. This is *not* necessary, and even ill-advised as your customers might think that the items will be obsolete per, for instance 31-12-2021, even when you plan to produce them for many years more. That means that, for regular items, you can leave the end date at item level just empty.

[4] Note: Each Item that is to be exported must be in a Rabattgruppe, Warengruppe or Produktgruppe, and each of these groups, which have to be present at least one time, are then listed as *base info* at the beginning of the DQR export file.

When your COS application *does not contain* contracts and sales conditions (COS MDM), you will need to use a *conversion table* to fill in the correct descriptions for the condition groups to be used. This conversion table should **be named "DISCOUNTGROUPS"**:
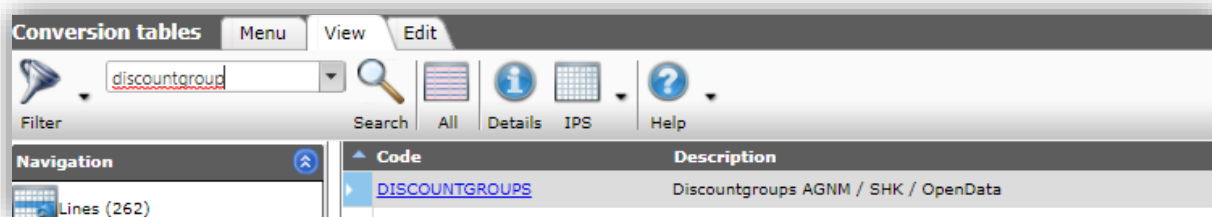
The **"Value IN"** should contain the *condition group codes* to be used, and **the "Value OUT"** should contain the *corresponding German descriptions*, for example:

Note: *Newly added or changed condition codes can only be exported after the Compano server has recycled. Servers are recycled each night; thus any additions or changes are available for export on the next day (!)*

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7 Regulations

Each DQR record has **"Regulations" tags,** which are *mandatory* for each item, so these tags will be added to the DQR export by default. Note that some of these tags, which in previous versions were *singular tags* like **bDangerGood = true/false**, have now been replaced with *attribute tags* belonging to the **attribute system "Regulations".**

In the paragraph below, you will find an overview of these regulations tags and how they can be filled out.

7.1 Gefahrgut

At the Product level, this 'tag' can be set by filling out the *ADR – Hazardous Material field*:

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ADR
Hazardous Material   ● Yes ○ No

- Set to *Yes*: **sAttributevalue = true**
- Set to *No*: **sAttributevalue = false**

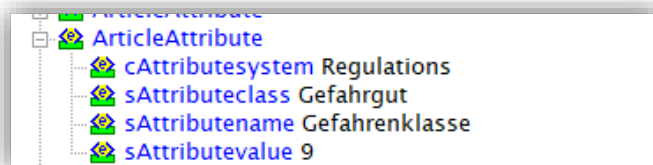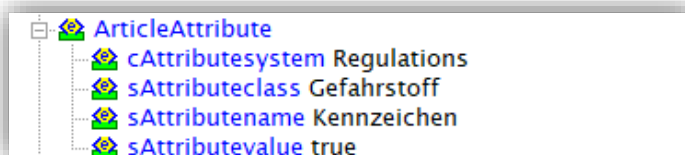## 7.2   Gefahrstoff
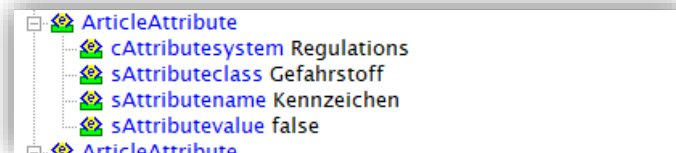
At the Product level, set *ADR Hazardous Material* to **Yes**, and fill out the *ADR Class* by selecting one the options from the drop-down menu:

The **sAttribute** value of **Gefahrstoff** will be set to **true** and the **Gefahrenklasse** tag will be added and set to the correct value:

7.3   REACH

When REACH data *is relevant*, the tag **sAttributename Datum** is filled out with the date from the REACH-certificate. A REACH-certificate can be added, using the Certificate entity in COS. For detailed instructions, see the Manual Attachments and Certificates.

Note: REACH assumes that you will regularly review the validity of your certificate, therefore the *revision date* of a REACH-certificate needs to be filled out:

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When a product has been linked to a REACH-certificate with a filled out *revision date* the tag `sAttributename Datum` will change to:

Figure 3. Reach certificate with filled out Revision Date

The DQR export tag `sAttributename Datum`, will indicate whether Reach data is *relevant or not.* However, when *no* REACH certificate has been linked to the product, the `sAttributevalue` tag will be filled out with the `no data` tag and the *date of export* will *not* be filled out.

7.3.1 REACH FALSE

REACH offers the option to explicitly set the **sAttributevalue** to FALSE:

```
<ArticleAttribute>
        <cAttributesystem>Regulations</cAttributesystem>
        <sAttributeclass>REACH</sAttributeclass>
        <sAttributename>Kennzeichen</sAttributename>
        <sAttributevalue>false</sAttributevalue>
</ArticleAttribute>
<ArticleAttribute>
        <cAttributesystem>Regulations</cAttributesystem>
        <sAttributeclass>REACH</sAttributeclass>
        <sAttributename>Datum</sAttributename>
        <sAttributevalue>02022024</sAttributevalue>
</ArticleAttribute>
```

To accomplish this in COS, a new REACH-certificate needs to be prepared and linked to the product, as follows:

1. Certificate type: Select the REACH certificate type.
2. Name: Enter the value **Kennzeichen**.
3. Number: Enter the value **false**.
4. Revision date: Set a revision date.

This method works fine for DQR exports, however for BMEcat and DICO exports a new certificate type needs to be established:

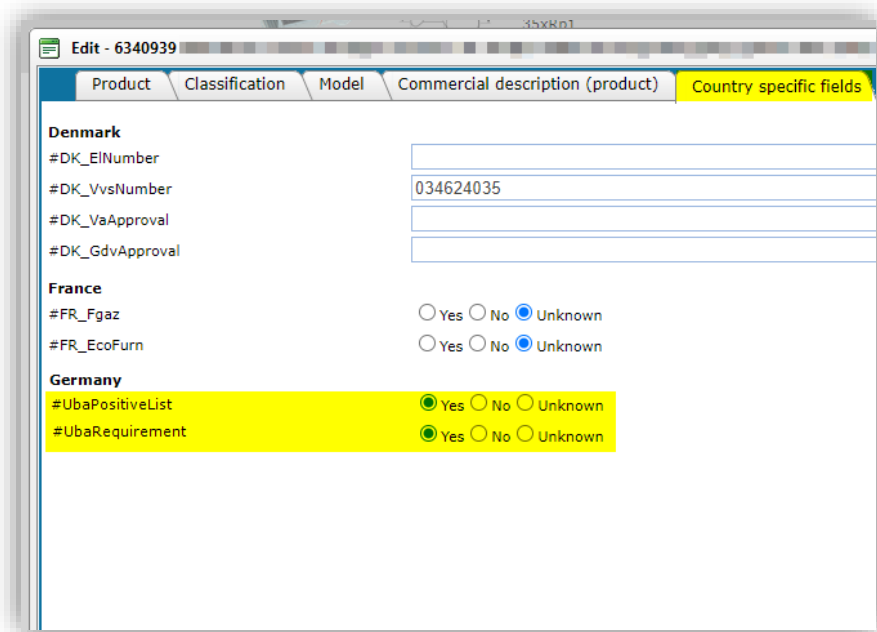Next, the REACH_FALSE certificate type can be used to generate a correct export in BMEcat and DICO:

7.4 UBA-Positivliste

The UBA-Positivliste identifies drinking water safety of organic materials. Within the DQR standard the **sAttributeclass UBA_Positiv** is split up into two tags: **Kennzeichen UBA-Positivliste** and **Kennzeiche UBA-Anforderung**. The second tag only becomes relevant when the first tag is set to **true**. In all other cases, the **Kennzeiche UBA-Anforderung** will be set to **false**.

In COS these attributes can be set at the Product level, on the *Country-specific fields* tab:

Note: Country-specific fields are *not* available by default; please contact your Compano consultant to have this set up.

7.5   Batteriekennzeichnung

The `sAttributeclass Batteriekennzeichnung` consists of two tags: `Kennzeichen` and `Batteriepiktogram`.
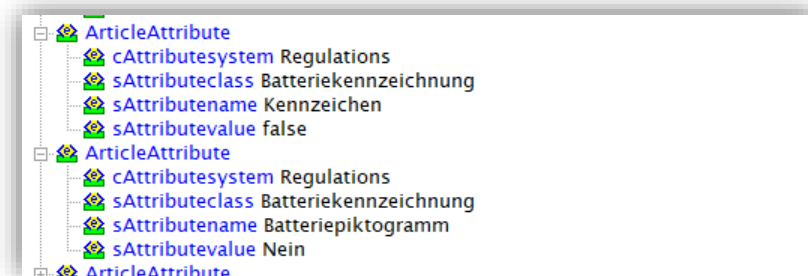
In COS, both tags can be set at the Product level, at the *Additional* tab:

Note: The *UN Number* field only will become available when the *Hazardous Material* field is set to *Yes*.

The `Batteriepiktogramm` tag will be filled in, based on the correct *UN number* (3480, 3481, 3090 or 3091). Please note that the UN number can be filled out directly at the product, as shown above, or will be determined by the Certificate which is attached to the product:

7.6 ECHA-DB

The `sAttributename ECHA-DB Kennzeichen` tag will by default be set to `false` to indicate that ECHA-DB does not apply.
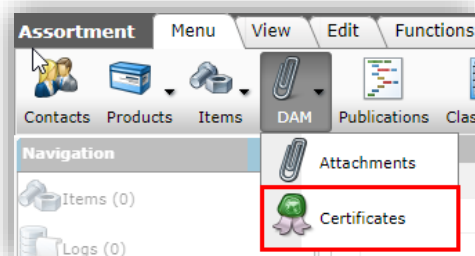
7.6.1 SCIP number

If ECHA-DB *does* apply, a *Certificate* with the correct SCIP number should be added to the product.

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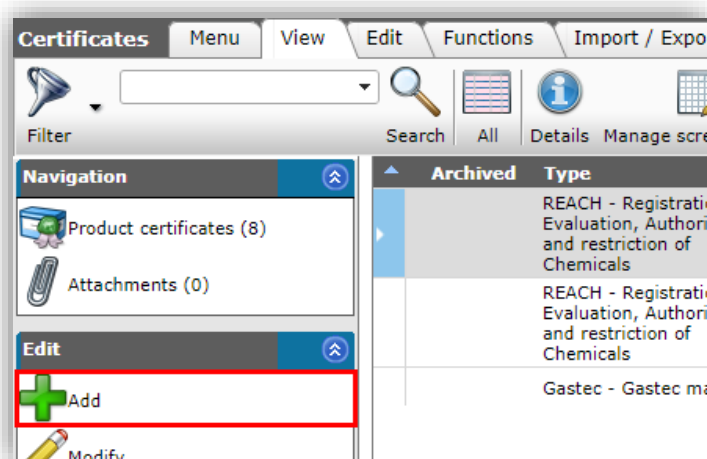**Note**: You will only need to add the correct certificate with SCIP number; the `ECHA-DB = true` tag entry will then be added automatically. When no certificate of type DQR Regulations with name ECHA-DB has been added, the tag entry will be: `ECHA-DB = false`.

To add a ECHA-DB certificate with SCIP number:

1. Through the Menu, go to *DAM > Certificates*:

2. Under Edit, click on *+Add*:

3. In the pop-up window:

a. Type: Select the option: `DQR – German regulations framework`
b. Name: Enter the following text: `ECHA-DB`
c. Issuer: Enter the following text: `SCIP-Number`
d. Number: Enter the correct SCIP number (36-character GUID)
4. Save the record.
5. Add the certificate to any Product to which it applies.

For more information on added certificates, see the Manual Attachments and Certificates on the Compano Help website.

8 Additional Regulation tags

Additional regulation tags should be filled out when applicable. Some examples are:

8.1 Gefahrgut / UN-Nummer
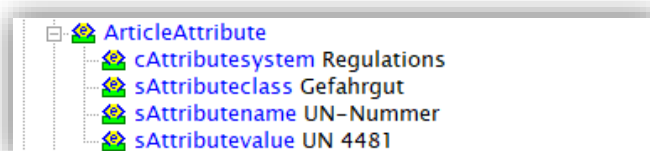
This attribute can be set by adding a *Certificate* to the Product of the type `UN - Hazardous materials identification number`. The type of materials should be further specified by filling out the correct UN number in the *Number* field:

Note: In Compano software version L03, Certificates are a new option, which can be added through the *DAM* menu-option:

8.2 Gefahrstoff

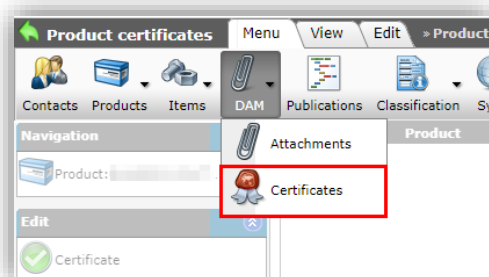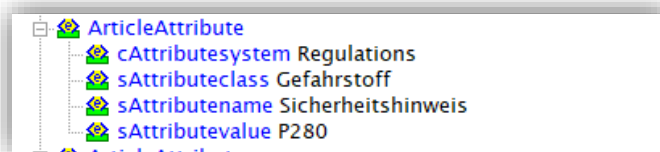This attribute can be set by adding a *Certificate* to the Product of the type `GHS – Global Harmonized System of Classification and Labelling of Chemical`.

In DQR the certificate discern 3 different types:

- Sicherheitshinweis (P)
  - o **"General Statement" (P1)**
  - o Prevention Statement (P2)
  - o Response Statement (P3)
  - o Storage Statement (P4)
  - o Disposal Statement (P5)
- Gefahrenhinweis (H)
  - o **"Physical Hazard" (H2)**
  - o **"Health Hazard" (H3)**
  - o **"Environmental Hazard" (H4)**
- GHS-Gefahrenpiktogramm (G)
  - o GHS01 tm GHS09

By combining the correct *letter* (P, H or G) with the *certificate number*, all the tags from the DQR chapter can be filled out as desired; the *Name* of the certificate no longer needs to identify the type of the GHS-certificate:

8.3 Verwendungshinweis

The DQR-specific data field `Verwendungshinweis`, is available as country-specific field for country Germany:

Usage note (Verwendungshinweis)
The instructions for use provide information on processing techniques that deviate from the standard (e.g. reference to special tools). This type of text is primarily aimed at the user groups of wholesalers and specialist trades.

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To enable country-specific fields for Germany:

1. Through the Menu, go to *System > Configuration > Countries*.
2. Select the country **Germany** and click on Edit:

   a. Use country-specific fields: Set this option to **Yes**.
3. Save the record.

Next, for each *Item* in the Compano application, the field *Usage note* (*Verwendungshinweis*) is now available on the Country-specific fields tab:

8.4   Item <> Product link

Within PIM and within the Dutch an Belgian data pools there is a clear distinction between (trade) item information and product information. For the BMEcat ETIM Guideline, as well as for the DQR format (OpenData/ ARGE/ SHK) this distinction is much less clear.

To facilitate a well-defined DQR export, the Compano application combines item and product information, and thus *each item should be linked to a product!*

8.5 Special characters

The DQR- guideline—and this is true for all data exchanges in the German market—has strict rules for the use of *special characters* in the various descriptions. Please make sure the German descriptions follow these rules. For example, the characters **®** or **™** are *not* allowed in the (German) descriptions.

8.6 Attachments

Attachments are any kind of file associated with a product, item, product group or item group. These files include images, drawings, videos, manuals, deeplinks and more. For more information on Attachments, please see the Manual Attachments & Certificates which is available on the Compano Help website.

8.6.1 Attachment inheritance

Within COS PIM attachments can be added at the Item, Product, Item Group or Product Group level. This means that Items can inherit attachments from any of these levels. For DQR exports, all attachments are considered for export as long as they are *language neutral* or have *German* set as their language:

8.6.2 Multiple similar attachments

When for an item multiple attachments point to the same file, for instance an image attached at the product group level is the same as the image added at the item level, the attachment will be exported *only once*.

8.6.3 Attachment naming

Attached documents and images often tend to have fancy, long names, usually necessary for product websites or -shops. For DQR exports the naming of attachments has to be much more conventional and should, for instance, *not contain spaces*. Also, filenames *cannot be longer than*

25

25 characters in total. Traditionally, the naming of images is quite strict, so to prevent any problems with your export, please consider the correct (file)naming of your attached documents and images.

8.6.4 Dimensioned/undimensioned

DQR makes a distinction between two types of diagrams (drawings, schemes):

- Dimensioned: Includes measurements and gets `cPictureType=V_`
- Undimensioned: No measurements in file and gets `cPictureType=`U_

To correctly add diagram attachments, please follow this procedure:

Undimensioned diagram
An undimensioned diagram can be added as an attachment of type `SCH – Diagram`:

In DQR this will be exported as an attachment of `cPictureType=V_`

Dimensioned diagram
For a correct export in DQR, a dimensioned diagram should be added as an attachment of type `MD12`. However, this Attachment Type must be added manually to COS. For an explanation on how to add Attachment Types, please the *Manual Attachments & Certificates*, paragraph 6.2. This manual is available from the [Compano Help website](https://www.compano.com).

Line drawing
An unidimensional line drawing can be added as attachment type MD64. Note that this Attachment Type also needs to be added manually (see previous paragraph).

In DQR this will be exported as an attachment of `cPictureType=U_`

8.7 Certificates

Some certificates will be handled by DQR as follows:

8.7.1 WEEE

A WEEE certificate added to the product will lead to the WEEE number being exported in the DQR format. The WEEE number of a WEEE certificate is always exported and will overwrite any number provided through the export settings; also see chapter 3. SETTINGS ASSORTMENT/SUPPLIER LEVEL.

8.8 ArticleDocuments

Any attachment with the document language set to *German* will get tags like this:
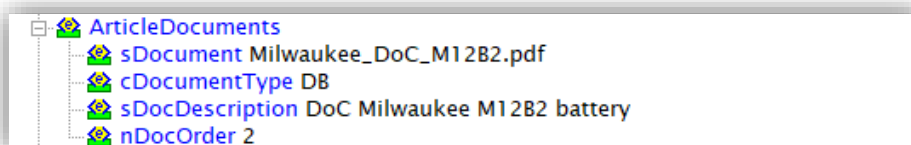
Where **sDocument** is derived from the *filename* of the attachment, and the **sDocDescription** from the attachment *Description*:
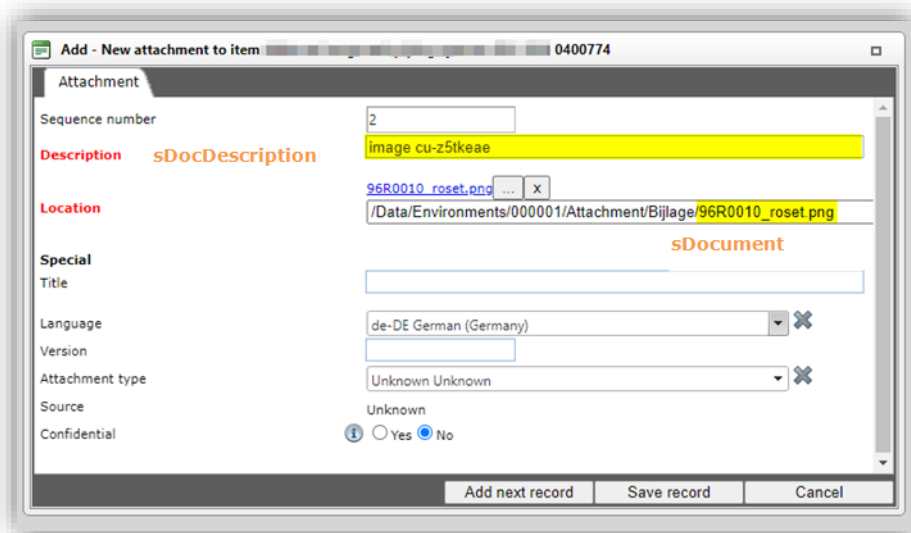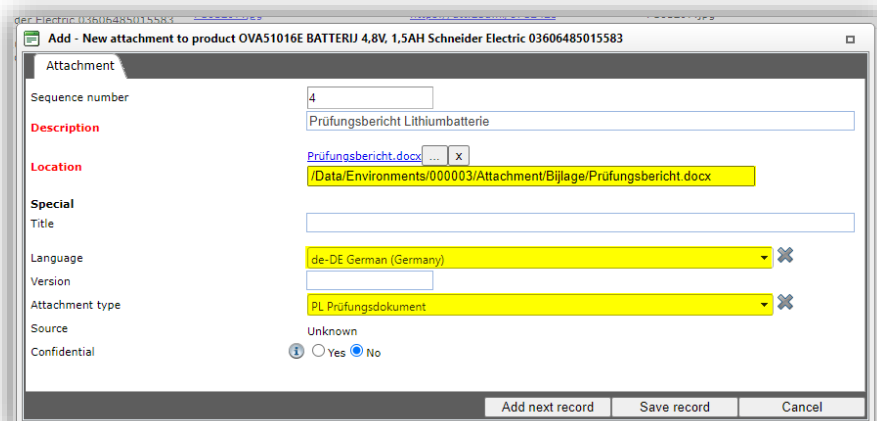

When combined with self-defined Attachment Types, this is a powerful method to add any DQR Document Type:

1. Add a new Attachment Type with the correct 2-letter code (see table below).
2. Add the document as an attachment of the new type and *make sure* to set the language of the attachment to German.

C	Beschreibung
VM	Montagevideo
VT	Tutorial
EP	Einzelprospekt
BS	Brandschutz
EX	EX-Schutz
KS	Korrosionsschutz
CE	CE-Konformitätserklärung
VD	VDS-Zulassung
SS	Schallschutznachweis
PL	Prüfreport Lithiumbatterien

Example

To add a *Prüfungsbericht Lithiumbatterie*, first create an attachment type **PL**. Next, add the correct document as an attachment of this type:

Note: Not all documents need to be added this way, the German safety document (GG) can be added as Certificate of type `Safety data sheet (DQR)`. The corresponding DQR Document Type: **GG**, will be exported (see also the next paragraph).

8.9   ArticleAccessories

To add *Eichgebühren* (calibration fees) to an Item, an Accessory of type `Eichgebühr` needs to be added to the Item. The following tag will be included on export to DQR 7, 8 or 9:

```
<ArticleAttribute>
    <cAttributesystem>Gebühren</cAttributesystem>
    <sAttributename>Eichgebühren</sAttributename>
    <sAttributevalue>4722</sAttributevalue>
</ArticleAttribute>
```

8.10 Safety certificate descriptions

For DQR a separate *safety certificate* export has been prepared: *Safety data sheet (DQR)*

This certificate will be exported as a `GG Sicherheitsblatt`. Add to this certificate the relevant attachment (document) with language set to *German* and with a relevant Description:

Note: If you added the same document as a regular attachment (which would lead to a `DB DocumentType`) as well as a GG Sicherheitsblatt certificate, only the last one will be used in the export.

Important: *When using other export formats, for instance BMEcat or DICO/SALES, remember to (also) add your safety data sheets as certificates of type:* **SDS***.*

8.11 Dimensionstexte

If you need to fill in `Dimensionstexte`, you can do so at the Item level, in the German country-specific field *DimensionsText*:

Important: Refrain from using formatting and preferably use *less than 40 characters per line*. Should you use more characters, the text will be split up in multiple lines of 40 characters each.

Note: Country-specific fields are *not* available by default; please contact your Compano consultant to have this set up.

8.12 Capable of Ordering (ARGE)

`<bCapableOfOrdering>true</bCapableOfOrdering>`

This data field is used to repress ordering of an item; thus, it should be filled out as follows:

- Item orderable: value is `false`
- Item not orderable: value is `true`

8.13 Display on ARGE portal

```
<cDisplayIn>3</cDisplayIn>
```

This data field is used to trigger display of an item on the ARGE portal. The value for this field is mandatory and should always be: **3**

9   DQR (mapping) documentation

In addition to this manual, also consult:

- The Excel document *Mapping COS DQR .xlsx*. This document provides mapping information from COS PIM version L03 for the DQR export format.

- The PDF-documention as can be found at Opendata or SHK/ARGE website should be known to the users of this format. This is the basic documention which describes the DQR guideline. For further information on DQR, please check the information available at the websites of SHK/ARGE and OpenData.