# GHS labelling

At Unite, you as the supplier are responsible for the actual and legal correctness and completeness of the information, illustrations, product descriptions and other content in the provided catalogue.

All offered and delivered items must comply with the current European regulations and directives, their implementation provisions in national law, and other relevant national legal regulations of the contract area in their respective current versions.

The following explanations and representations of products serve only for orientation and fulfilment of the legally prescribed duty of disclosure.

## Prohibited products

Certain products and/or product groups are excluded from sale at Unite. You can find a list of these products and/or prod groups here.

Details on individual product groups can be viewed by clicking on the respective product group:

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**Substances and mixtures to be handled only by trained personnel**

Substances and mixtures subject to the expertise requirement according to the Chemicals Prohibition Ordinance (ChemVerbotsV) are not sold by Unite.

These include substances and mixtures with the following labels:



GHS01
**Exploding bomb**

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GHS02 and one of the hazard statements H224, H241 and H242
**Flame**

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GHS03
**Flame over circle**

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GHS06
**Skull and crossbones**

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GHS08 and one of the hazard statements H340, H350, H350i, H360, H360F, H360D, H360FD, H360Fd H360Df, H370 or H372
**Health hazard**

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| | |
|---|---|
| No pictogram | Items that develop phosphine when used as intended. |
| No pictogram | Items subject to restrictions on supply or reporting requirements under Regulation EU 2019/1148. These include, among others, acetone and sulphuric acid. |

For technical and organisational reasons, the exceptions to prohibitions on placing on the market according to section 5(4 of the Chemicals Prohibition Ordinance cannot be applied at Unite, and all labels listed here are considered sufficient conditions for the affected substances and mixtures, including biocidal products, not to be offered at Unite.

Further prohibitions and restrictions according to e.g. Annex XVII of Regulation (EC) No 1907/2006 (REACH Regulation), Regulation (EU) 2019/1021 (POP Regulation) or Regulation (EC) No 1005/2009 (CFC Regulation) must also be observed.

### Plant protection products

Plant protection products within the meaning of the Plant Protection Act are excluded from sale at Unite.

### Medicinal products

The sale of medicinal products according to the Medicinal Products Act is excluded at Unite.

## Correct labelling of products requiring labelling

Dangerous substances and mixtures requiring labelling, as well as biocidal products, which do not fall under 'Prohibited Products', can be sold at Unite, but are subject to the advertising regulations according to Article 48 of Regulation (EC) No 1272/2008 (CLP Regulation) or Article 72 of Regulation (EU) No 528/2012 (Biocidal Products Regulation).

The following explains how certain products and/or product groups should be labelled. This is only an exemplary representation.

### Safety data sheet

According to Article 31 of Regulation (EC) No 1907/2006 (REACH Regulation), safety data sheets must be provided unsolicited to commercial customers if substances and mixtures have been classified as dangerous. The safety data sheet must be handed over to the recipient at the latest with the first delivery of the substance/mixture.

As an added value for the customer, the safety data sheet is available for download at any time next to the article data she on the article detail page.

For the listing of dangerous substances and mixtures subject to labelling requirements, as well as substances with the not EUH210 (safety data sheet available on request) or other supplemental hazard statements and labelling requirements (EU phrases), the provision of a current safety data sheet in the electronic catalogue at Unite is a **mandatory requirement**.

In case of relevant changes in the safety data sheet, there is a retroactive information obligation according to Article 31 paragraph 9 of the REACH Regulation, whereby all customers who have been supplied in the last 12 months must be informed about the changes.

To comply with these obligations, it is necessary that you send us the updated safety data sheets by email to sdb@unite.eu stating the respective Unite order number.

### Hazardous substance labelling

In addition to providing the safety data sheet, clear labelling must be made for the customer. This means that every item that meets these criteria must be labelled in the catalogue so that the customer is informed about the hazard before ordering.

The required information for labelling the individual articles/mixtures/substances can be found in the safety data sheet (SDS). Under point 2 or 2.2 (Classification according to Regulation (EC) No 1272/2008), the labelling (hazard pictograms,

signal words and hazard statements) is given.

The article description must contain the following information:

- The hazardous substance labelling with pictogram according to GHS (not as an image, but as a tag in the electronic catalogue),
- The signal word (Warning or Danger),
- The hazard statements (H-statements with wording),
- A current safety data sheet,
- If applicable, special labelling according to Article 25 Paragraph 6 of Regulation (EC) No 1272/2008 (CLP Regulation), i supplementary hazard information and labelling elements (EUH statements).

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**Representation of hazardous substance labelling in the catalogue**

For the representation, both pictograms and the signal words ‘Gefahr’ (= Danger) and ‘Achtung’ (= Warning) are available When you include the labelling in the catalogue using the following format, Unite‘s system will automatically handle the display of the information.

Only the following pictograms are allowed:

| | |
|---|---|
|  | GHS02<br>**Flame** |
|  | GHS04<br>**Gas cylinder** |
|  | GHS05<br>**Corrosion** |
|  | GHS07<br>**Exclamation mark** |
|  | GHS08<br>**Health hazard** |



GHS09
**Environment**

These pictograms can be used in various combinations. You can apply multiple pictograms to a single product, with a maximum of four pictograms allowed per item.

The next paragraph explains how to implement this information in your catalogue. Use one of the two methods describec as these are the only ways to ensure correct display. Unite doesn't support and doesn't allow other representation forms, such as images or non-standard tags.

### Labelling of biocidal products

For the listing of biocidal products, a note is required, which must be included in the long description and should be easil readable and clearly distinguishable from the actual advertisement.

**Biocidal product note: "Use biocidal products carefully. Always read the label and product information before use."**

According to Article 72 Paragraph 3 of Regulation (EU) No 528/2012 (Biocidal Products Regulation), advertising for biocic products must not be misleading in respect of the risks from the product to human or animal health or to the environmer or its efficacy. In particular, the advertising of a biocidal product shall not include the terms "low-risk biocidal product", "n toxic", "harmless", "natural", "environmentally friendly", "animal friendly" or any similar indications.

Please ensure that your articles are marketable for the respective country in which you wish to place the biocidal products on the market, and are approved according to Article 17 of the Biocidal Products Regulation, i.e. have a valid BAuA registration number (in the form N-00000) or a German- or European-wide approval number (e.g. DE-0000000-0000 or E 0000000-0000).

In summary, the following information is mandatory:

- Biocidal product note.
- Name and active substance.
- Approval or BAuA registration number of the biocidal product.
- Safety data sheet.
- Labelling according to CLP Regulation as per paragraph 2.2 in the safety data sheet.
- If applicable, instructions for use, information on the area of application or prohibitions and restrictions (e.g. limitation professional users).
- The product images must correspond with the product.

You can find an example file for the correct specification of the biocidal product note and other information in the followir file:

example-item-ghs-biocidal-product.txt
txt - 2.33 KB 2025-10-28

### Distinction of disinfectants

According to Regulation (EU) 2017/745 on medical devices, disinfectants are classified as either medical devices, biocides medicinal products. Only those articles that are specifically intended for cleaning, disinfection or sterilisation of the produ mentioned in Art. 1 Para. 1, Para. 4 MDR-VO are to be qualified as medical devices.

Disinfectants used outside the cleaning of the products mentioned in this point, such as hand disinfectants, can be either biocides or medicinal products.

Whether the disinfectant is a medicinal product can be determined from the labelling on the packaging (in this case, the product contains a pharmaceutical central number, as well as information about risks and side effects). Moreover, it is usually a medicinal product if the disinfectant contains one or more prescription-only substances.

Disinfectants are considered biocides if the product can be assigned to one of the 22 product types from Annex V of the Biocidal Products Regulation EU 528/2012 and is provided with a valid registration or approval number from the Federal Institute for Occupational Safety and Health.

The distribution of medicinal products is excluded at Unite (see above). When distributing biocidal products, the 'biocidal product note' must be attached.

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# Implementation in the catalogue

## Which information is mandatory?

The following information, if present in the safety data sheet, is mandatory:

- GHS labelling (e.g. GHS04, GHS07)
- GHSSIGNAL [G ('Gefahr' = Danger) or A ('Achtung' = Warning)]
- Hazard statements (e.g. H225 Highly flammable liquid and vapour)
- Safety data sheet
- If applicable, special labelling according to Article 25 Paragraph 6 of Regulation (EC) No 1272/2008 (CLP Regulation), i supplementary hazard information and labelling elements (EUH statements).

**Further notes:**

- The hazardous substance logo is automatically provided by our system and does not need to be transmitted.
- Multiple labelling for GHS is possible and may be necessary.
- The GHSSIGNAL is only specified once per article.
- Articles with certain GHS labelling are excluded from sale at Unite: GHS01, GHS02*, GHS03, GHS06, GHS08**

* with the hazard statements H224, H241 and H242

** with the hazard statements H340, H350, H350i, H360, H360F, H360D, H360FD, H360Fd, H360Df, H370 or H372

- The specification of precautionary statements (P-statements) is optional

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**Implementation in the catalogue: XML Format**

The labelling of your products according to GHS is done via the elements SPECIAL_TREATMENT_CLASS and ARTICLE_FEATURES.

**Labelling via SPECIAL_TREATMENT_CLASS**

Each label is created in a separate SPECIAL_TREATMENT_CLASS element. The **type="GHS"** may occur multiple times. The hazard statements and precautionary statements must be specified within the ARTICLE_FEATURES.

**Example for single GHS labelling with GHSSIGNAL:**

```
<SPECIAL_TREATMENT_CLASS type="GHS">GHS04</SPECIAL_TREATMENT_CLASS
<SPECIAL_TREATMENT_CLASS type="GHSSIGNAL">A</SPECIAL_TREATMENT_CLASS>
```

**Example for multiple GHS labelling with GHSSIGNAL:**

```
<SPECIAL_TREATMENT_CLASS type="GHS">GHS02</SPECIAL_TREATMENT_CLASS>
<SPECIAL_TREATMENT_CLASS type="GHS">GHS07</SPECIAL_TREATMENT_CLASS>
<SPECIAL_TREATMENT_CLASS type="GHS">GHS08</SPECIAL_TREATMENT_CLASS>
<SPECIAL_TREATMENT_CLASS type="GHSSIGNAL">G</SPECIAL_TREATMENT_CLASS>
```

### Labelling via ARTICLE_FEATURES

In the ARTICLE_FEATURES section, the hazard statements and optionally the precautionary statements are specified. For multiple labelling, multiple FVALUE are used.

Alternatively to labelling via SPECIAL_TREATMENT_CLASS, the GHS labelling (e.g. GHS04, GHS07) and the GHSSIGNAL car also be created via the ARTICLE_FEATURES.

**Note: If a catalogue is provided in a language other than English, it's important to include the hazard statements and precautionary statements in the catalogue's language. These statements are displayed on the article detail page, ensuring that users can understand critical safety information in their preferred language.**

### Example for single GHS labelling with GHSSIGNAL and hazard statement:

```
<ARTICLE_FEATURES>
<FEATURE>
<FNAME>GHS</FNAME>
<FVALUE>GHS04</FVALUE>
</FEATURE><FEATURE>
<FNAME>GHSSIGNAL</FNAME>
<FVALUE>A</FVALUE>
</FEATURE><FEATURE>
<FNAME>Hazard statements</FNAME>
<FVALUE>H225 Highly flammable liquid and vapour.</FVALUE>
</FEATURE>
</ARTICLE_FEATURES>
```

### Example for multiple GHS labelling with GHSSIGNAL, hazard statements and precautionary statements:

```
<ARTICLE_FEATURES>
<FEATURE>
<FNAME>GHS</FNAME>
<FVALUE>GHS02</FVALUE>
<FVALUE>GHS07</FVALUE>
</FEATURE>
<FEATURE>
<FNAME>GHSSIGNAL</FNAME>
<FVALUE>G</FVALUE>
</FEATURE>
<FEATURE>
<FNAME>Hazard statements</FNAME>
<FVALUE>H225 Highly flammable liquid and vapour.</FVALUE>
<FVALUE>H319 Causes serious eye irritation.</FVALUE>
</FEATURE>
<FEATURE>
<FNAME>Precautionary statement</FNAME>
<FVALUE>P102 Keep out of reach of children.</FVALUE>
<FVALUE>P271 Use only outdoors or in a well-ventilated area.</FVALUE>
```

```
</FEATURE>
</ARTICLE_FEATURES>
```

**Example for multiple GHS labelling with GHSSIGNAL, hazard statements and precautionary statements and French catalogue language:**

```
<ARTICLE_FEATURES>
<FEATURE>
<FNAME>GHS</FNAME>
<FVALUE>GHS02</FVALUE>
<FVALUE>GHS07</FVALUE>
</FEATURE>
<FEATURE>
<FNAME>GHSSIGNAL</FNAME>
<FVALUE>G</FVALUE>
</FEATURE>
<FEATURE>
<FNAME>Hazard statements</FNAME>
<FVALUE>H225 Liquide et vapeurs très inflammables.</FVALUE>
<FVALUE>H319 Provoque une sévère irritation des yeux.</FVALUE>
</FEATURE>
<FEATURE>
<FNAME>Precautionary statement</FNAME>
<FVALUE>P102 Tenir hors de portée des enfants.</FVALUE>
<FVALUE>P271 Utiliser seulement en plein air ou dans un endroit bien ventilé.</FVALUE>
</FEATURE>
</ARTICLE_FEATURES>
```

Please note that for complete GHS labelling, the corresponding safety data sheet must also be transmitted. Safety data sheets are marked in the MIME_PURPOSE element with safety_data_sheet:

```
<MIME_INFO>
<MIME>
<MIME_TYPE>application/pdf</MIME_TYPE>
<MIME_SOURCE>safety_data_sheet.pdf</MIME_SOURCE>
<MIME_DESCR>Safety data sheet</MIME_DESCR>
<MIME_PURPOSE>safety_data_sheet</MIME_PURPOSE>
</MIME>
</MIME_INFO>
```

You can find detailed information on this in the article Safety Data Sheets.

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**Implementation in the catalogue: CSV Format**

In the ‘products file’, the hazardous substance labelling is done via the article features, via the columns FNAME and FVALU

**Note:** Details on the ‘products file’ can be found on the support page How to create a catalogue: CSV format.

## GHS labelling

Enter the GHS labelling in the FNAME field and the corresponding value (GHS02, GHS07, GHS08 etc.) in the FVALUE field. you haven‘t worked with article features before, use the fields FNAME1 and FVALUE1:

| BD | BE |
|---|---|
| FNAME1 | FVALUE1 |
| Feature name 1 | Feature value 1 |
| GHS | GHS02 |
| GHS | GHS07 |
| | |

Multiple labelling is possible, using the pipe character ("|") as a separator:

| BD | BE |
|---|---|
| FNAME1 | FVALUE1 |
| Feature name 1 | Feature value 1 |
| GHS | GHS02\|GHS05\|GHS09 |
| GHS | GHS07 |
| | |

### GHS signal word

In addition to the GHS labelling, the GHSSIGNAL is required. Enter GHSSIGNAL in the FNAME field and the corresponding value (A or G) in the FVALUE field. If you haven't worked with article features before, use the fields FNAME2 and FVALUE2

| BD | BE | BF | BG | BH |
|---|---|---|---|---|
| FNAME1 | FVALUE1 | FUNIT1 | FNAME2 | FVALUE2 |
| Feature name 1 | Feature value 1 | Feature unit 1 | Feature name 2 | Feature value 2 |
| GHS | GHS02 | | GHSSIGNAL | A |
| | | | | |

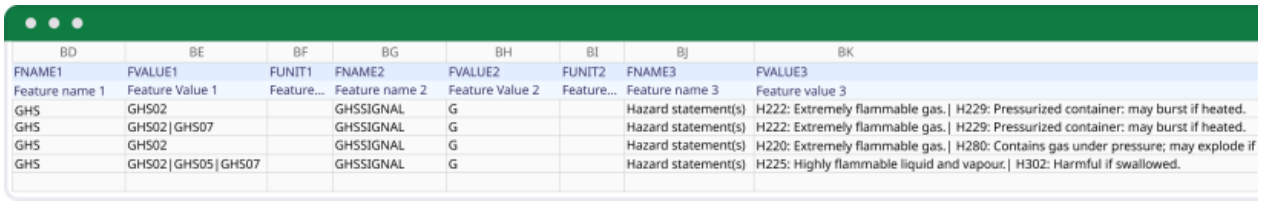
### Hazard statements

Please also use the columns FNAME and FVALUE for specifying the hazard statements (H-statements). If you haven't work with article features before, use the fields FNAME3 and FVALUE3:

Multiple labelling is possible, using the pipe character ("|") as a separator:

| BJ | BK |
|---|---|
| FNAME3 | FVALUE3 |
| Feature name 3 | Feature value 3 |
| Hazard statements | H225 Highly flammable liquid and vapour |
| Hazard statements | H225 Highly flammable liquid and vapour\| H315 Causes skin irritation |
| | |

The following example shows the complete GHS labelling for several products in the ‘products file’:



| BD | BE | BF | BG | BH | BI | BJ | BK |
|---|---|---|---|---|---|---|---|
| FNAME1 | FVALUE1 | FUNIT1 | FNAME2 | FVALUE2 | FUNIT2 | FNAME3 | FVALUE3 |
| Feature name 1 | Feature Value 1 | Feature... | Feature name 2 | Feature Value 2 | Feature... | Feature name 3 | Feature value 3 |
| GHS | GHS02 | | GHSSIGNAL | G | | Hazard statement(s) | H222: Extremely flammable gas.\| H229: Pressurized container: may burst if heated. |
| GHS | GHS02\|GHS07 | | GHSSIGNAL | G | | Hazard statement(s) | H222: Extremely flammable gas.\| H229: Pressurized container: may burst if heated. |
| GHS | GHS02 | | GHSSIGNAL | G | | Hazard statement(s) | H220: Extremely flammable gas.\| H280: Contains gas under pressure; may explode if |
| GHS | GHS02\|GHS05\|GHS07 | | GHSSIGNAL | G | | Hazard statement(s) | H225: Highly flammable liquid and vapour.\| H302: Harmful if swallowed. |

**Please note:**
**If a catalogue is provided in a language other than English, it’s important to include the hazard statements and precautionary statements in the catalogue’s language. These statements are displayed on the article detail page, ensuring that users can understand critical safety information in their preferred language.**