

Basic guidance
to
Regulation
(EC) No 1272/2008
on
Classification,
Labelling and
Packaging
of substances and
mixtures

CLP / GHS: Labelling and MSDS



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EUROMETAUX
GHS & ENVIRONMENTAL
CLASSIFICATION
WORKSHOPS
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Content

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★ Content of label

★ Specific labelling requirements

★ Identifiers

★ Pictograms

★ Different types of statements

★ Supplemental information /other regulations

★ Languages

★ MSDS specifics

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Content of the label

- the name, address and telephone number of the supplier/s of the substance or mixture;
- the nominal quantity of the substance or mixture in the packages made available to the **general public**, unless this quantity is specified elsewhere on the package;
- product identifiers; and, where applicable;
 - hazard pictograms;
 - signal words;
 - hazard statements;
 - appropriate precautionary statements; and
 - supplemental information

Content of the label: example

Nickel Sulphate



Danger

Hazardous ingredients : Nickel Sulphate Hexahydrate

Hazard statements

Toxic if swallowed.
May cause allergic or asthmatic symptoms or breathing difficulties if inhaled.
May cause an allergic skin reaction.
Suspected of causing cancer.
Very toxic to aquatic life with long lasting effects.

Precautionary statements

Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wear protective gloves. In case of inadequate ventilation wear respiratory protection. Avoid release to the environment. Avoid breathing dust. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace.

Response

Collect spillage. Immediately call a POISON CENTER or doctor/physician. IF SWALLOWED: Rinse mouth. IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse. IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. IF exposed or concerned: Get medical attention/advice.

Storage

Store locked up.

Disposal

Dispose of contents and container in accordance with all local, regional, national and international regulations.

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For more detailed information, please refer to the Material Safety Data Sheet

Specific labelling requirements

- metals in massive form, alloys, mixtures containing polymers, mixtures containing elastomers:

1.3.4.1. Metals in massive form, alloys, mixtures containing polymers and mixtures containing elastomers do not require a label according to this Annex, if they do not present a hazard to human health by inhalation, ingestion or contact with skin or to the aquatic environment in the form in which they are placed on the market, although classified as hazardous in accordance with the criteria of this Annex.

1.3.4.2. Instead, the supplier shall provide the information to downstream users or distributors by means of the SDS.

The exemption to label is not removing the classification!
Classification must be mentioned in the MSDS

Harmonisation between transport and product classification for environment:
Massive alloy with ecotox classification will require a label/classification for transport
while being exempt from product label

Identifiers

- Substances:
 - Name and identification number as in Annex VI to CLP or in classification inventory; or
 - CAS number and “name”
- Mixtures:
 - Trade Name or designation of the mixture; and
 - The identity of all substances in the mixture that contribute to the classification of the mixture as to acute toxicity, skin corrosion or serious eye damage, germ cell mutagenicity, carcinogenicity, reproductive toxicity, respiratory or skin sensitisation, specific target organ toxicity (STOT), or aspiration hazard.

No reference to EINECS number is required
CAS number is a common denominator of all requirements

No need to mention substances responsible for environmental classification

Pictograms

- Shape of a square set at a point
- Black symbol on a white background with a red border
- Each pictogram should cover at least 1/15 of the surface area
- Minimum area of a square should not be less than 1 cm²
- Precedence rules:

- For health hazards, if GHS06 (skull and crossbones) applies, then GHS07 (exclamation mark) shall not appear...



- If GHS08 (health hazard) appears for respiratory sensitisation, then GHS07 (exclamation mark) shall not be used for skin sensitisation or for skin or eye irritation ...



... but may still be used for other hazards

- If GHS05 (corrosion) applies, then GHS07 (exclamation mark) shall not be used for skin or eye irritation ...



... but may still be used for other hazards

Transport labelling applies also:

Inner packaging : CLP rules

Outer packaging: some pictograms of CLP need not to appear if related to the same hazard for transport

Pictograms



- From 1 to 5 pictograms are possible on one label
- Empty diamonds are not allowed on the label
- New methods for easy black and white printing will be required

- Preprinted labels with 1, 2, 3, 4, 5 diamonds ?
- Diamonds with “not applicable”?

Different types of statements

- Hazard Statements and Precautionary Statements
- Annex I provides tables with the two types of statements

Table 3.2.5

Label elements for skin corrosion/irritation

Classification	Category 1 A/1 B/1 C	Category 2
GHS Pictograms		
Signal Word	Danger	Warning
Hazard Statement	H314: Causes severe skin burns and eye damage	H315: Causes skin irritation
Precautionary Statement Prevention	P260 P264 P280	P264 P280
Precautionary Statement Response	P301 + P330 + P331 P303 + P361 + P353 P363 P304 + P340 P310 P321 P305 + P351 + P338	P302 + P352 P321 P332 + P313 P362
Precautionary Statement Storage	P405	
Precautionary Statement Disposal	P501	

The hazard statements of one language should be grouped together with the precautionary statements of the same language on the label

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★ Supplemental information /other regulations

- ★ •Some substances and some mixtures require additional information
- ★ •Examples:
 - ★ •Contact with acids liberates toxic gases
 - ★ •ContainsMay produce allergic reaction
- ★ •Labelling elements from other Community acts have to be placed under this section
- ★ •Examples:
 - ★ •Biocidal products
 - ★ •VOC content of paints

Supplemental information /other regulations

Figure 14.1: Example for a label incorporating information required by other legislation

Label size at least 74 x 105 mm

Specific use instructions, as typically required under crop protection legislation

Contact details

Active ingredients are always listed for crop protection products. These may also be the product identifiers required by CLP Article 18(3)

Pictograms 88 x 88 mm

Pictograms, hazard and precautionary statements required by CLP

Safe use pictograms and colour banding, as typically defined under FAO guidelines

Crop Protection Product

Broad spectrum suspension concentrate fungicide with systemic properties for the preventive control of grey leaf spot (*Cercospora zea-maydis*), northern leaf blight (*Exserohilum turcicum*) and rust (*Puccinia sorghi*) on maize and sweet corn.

Composition	mass/volume
Active ingredient 1	200 g/l
Active ingredient 2	125 g/l

STORAGE AND DISPOSAL
Store in the closed, original container in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

SAFETY DIRECTIONS
Will irritate the eyes. Avoid contact with eyes. Wash hands after use.
When opening the container and preparing spray wear:
• cotton overalls buttoned to the neck and wrist (or equivalent clothing)
• elbow-length PVC gloves
After each day's use, wash gloves and contaminated clothing.

FIRST AID
If poisoning occurs, contact a doctor or Poisons Information Centre. Phone 131 126.

Supplied by:
Crop Protection Company,
124 Chemstrasse,
City,
Member State.
Tel 123-156-789

5 litres

Warning
Causes severe eye irritation.
Toxic to aquatic life with long lasting effects.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Collect spillage.

The label features a green bottom band with a series of pictograms: a tree and bird (environmental), a person with a spray nozzle (personal protection), a person with a hand on their head (eye irritation), a person with a hand on their chest (first aid), a person with a hand on their head (eye irritation), a person with a hand on their chest (first aid), a person with a hand on their head (eye irritation), a person with a hand on their chest (first aid), a person with a hand on their head (eye irritation), a person with a hand on their chest (first aid).

MSDS

- CLP doesn't add much to the REACH MSDS requirements but focuses on the need to update
- Need to include DPD classification as well as CLP classification in the MSDS until 1 June 2015

Languages, pictograms, hazard statements:
no real issues in the text form of the MSDS

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Your practical guidance
document for CLP

