

CLASSIFICATION AND LABELLING

Classification and labelling according to CLP / GHS

Name: zinc oxide standard

Implementation: EU

- [Type: harmonized](#)

State/form of the substance: powder

Classification and labelling according to CLP / GHS for physicochemical properties

Not classified for physicochemical properties

Classification and labelling according to CLP / GHS for health hazards

Not classified for health hazards

Classification and labelling according to CLP / GHS for environmental hazards

Endpoint	Hazard category	Hazard statement
Hazards to the aquatic environment (acute/short-term):	Aquatic Acute 1	H400: Very toxic to aquatic life.
Hazards to the aquatic environment (long-term):	Aquatic Chronic 1	H410: Very toxic to aquatic life with long lasting effects.

Labelling

Signal word: Warning

Hazard pictogram:

GHS09: environment

Hazard statements:

H410: Very toxic to aquatic life with long lasting effects.

Precautionary statements:

P273: Avoid release to the environment.

P391: Collect spillage.

P501: Dispose of contents/container to...

- [Type: self-classification](#)

State/form of the substance: powder

Classification and labelling according to CLP / GHS for physicochemical properties

Not classified for physicochemical properties

Classification and labelling according to CLP / GHS for health hazards

Not classified for health hazards

Classification and labelling according to CLP / GHS for environmental hazards

Endpoint	Hazard category	Hazard statement
Hazards to the aquatic environment (acute/short-term):	Aquatic Acute 1	H400: Very toxic to aquatic life.
Hazards to the aquatic environment (long-term):	Aquatic Chronic 2	H411: Toxic to aquatic life with long lasting effects.
M-Factor acute: 10		

Labelling

Signal word: Warning

Hazard pictogram:

GHS09: environment

Hazard statements:

H400: Very toxic to aquatic life.

H411: Toxic to aquatic life with long lasting effects.

Precautionary statements:

P273: Avoid release to the environment.

P391: Collect spillage.

P501: Dispose of contents/container to...

Name: zinc oxide lower grade (lead containing)

Implementation: EU

- [Type: self-classification](#)

State/form of the substance: powder

Classification and labelling according to CLP / GHS for physicochemical properties

Not classified for physicochemical properties

Classification and labelling according to CLP / GHS for health hazards

Endpoint	Hazard category	Hazard statement
Acute toxicity - oral:	Acute Tox. 4	H302: Harmful if swallowed.
Acute toxicity - inhalation:	Acute Tox. 4	H332: Harmful if inhaled.

Reproductive Toxicity:	Repr. 1A	H360: May damage fertility or the unborn child <state specific effect if known > <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
Specific target organ toxicity - repeated:	STOT Rep. Exp. 2 Affected organs: central nervous system, reproductive system Route of exposure: Oral	H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

Classification and labelling according to CLP / GHS for environmental hazards

Endpoint	Hazard category	Hazard statement
Hazards to the aquatic environment (acute/short-term):	Aquatic Acute 1	H400: Very toxic to aquatic life.
Hazards to the aquatic environment (long-term):	Aquatic Chronic 2	H411: Very toxic to aquatic life with long lasting effects.
M-Factor acute: 10		

Labelling

Signal word: Danger

Hazard pictogram:

GHS07: exclamation mark

GHS08: health hazard

GHS09: environment

Hazard statements:

H360: May damage fertility or the unborn child.

H302+H332: Harmful if swallowed or if inhaled.

H373: May cause damage to central nervous system, reproductive system through prolonged or repeated oral.

H400: Very toxic to aquatic life.

H411: Toxic to aquatic life with long lasting effects.

Precautionary statements:

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P270: Do not eat, drink or smoke when using this product.

P273: Avoid release to the environment.

P391: Collect spillage.

P501: Dispose of contents/container to...

Name: Zinc oxide nano

Implementation: EU

- [Type: harmonized](#)

State/form of the substance: nanomaterial

Classification and labelling according to CLP / GHS for physicochemical properties

Not classified for physicochemical properties

Classification and labelling according to CLP / GHS for health hazards

Not classified for health hazards

Classification and labelling according to CLP / GHS for environmental hazards

Endpoint	Hazard category	Hazard statement
Hazards to the aquatic environment (acute/short-term):	Aquatic Acute 1	H400: Very toxic to aquatic life.
Hazards to the aquatic environment (long-term):	Aquatic Chronic 1	H410: Very toxic to aquatic life with long lasting effects.

Labelling

Signal word: Warning

Hazard pictogram:

GHS09: environment

Hazard statements:

H410: Very toxic to aquatic life with long lasting effects.

Precautionary statements:

P273: Avoid release to the environment.

P391: Collect spillage.

P501: Dispose of contents/container to...

- [Type: self-classification](#)

State/form of the substance: nanomaterial

Classification and labelling according to CLP / GHS for physicochemical properties

Not classified for physicochemical properties

Classification and labelling according to CLP / GHS for health hazards

Not classified for health hazards

Classification and labelling according to CLP / GHS for environmental hazards

Endpoint	Hazard category	Hazard statement
Hazards to the aquatic environment (acute/short-term):	Aquatic Acute 1	H400: Very toxic to aquatic life.
Hazards to the aquatic environment (long-term):	Aquatic Chronic 2	H411: Very toxic to aquatic life with long lasting effects.
M-Factor acute: 10		

Labelling

Signal word: Warning

Hazard pictogram:

GHS09: environment

Hazard statements:

H400: Very toxic to aquatic life.

H411: Toxic to aquatic life with long lasting effects.

Precautionary statements:

P273: Avoid release to the environment.

P391: Collect spillage.

P501: Dispose of contents/container to...