



Trade name: Zinci oxidum cum talco 1:1

Substance number: 068576

Version: 2 / CH

Date revised: 14.02.12

Replaces Version: 1 / CH

Date of printing: 20.08.12

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Zinci oxidum cum talco 1:1

Item-No. 06857600

1.3. Details of the supplier of the safety data sheet

Address

Hänseler AG

Industriestrasse 35

9101 Herisau

Telephone no. 0041 (0)71 353 58 58

E-mail address of sdb@haenseler.ch

person responsible
for this SDS

1.4. Emergency telephone number

Switzerland :145 / Abroad +41 (0)44 251 51 51

2. Hazards identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Aquatic Acute 1 H400

Aquatic Chronic 1 H410

Classification in accordance with EC directives

Classification N, R50/53

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal Word

Warning

Hazard statements

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.

P391 Collect spillage.

P501.1 Dispose of contents/container to be taken to an authorised special waste incineration plant.

Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC

The product is classified and labelled in accordance with EC directives/the relevant national laws.

Hazard symbols



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Dangerous for the environment

R phrases

50/53

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S phrases

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Avoid release to the environment. Refer to special instructions/Safety data sheets.

3. Composition/information on ingredients**Hazardous ingredients****Zinc oxide**

CAS No. 1314-13-2

EINECS no. 215-222-5

Concentration \geq 50 %

Classification N, R50/53

Classification (Regulation (EC) No. 1272/2008)

Aquatic Acute 1 H400

Aquatic Chronic 1 H410

4. First aid measures**4.1. Description of first aid measures****After inhalation**

Ensure supply of fresh air.

After skin contact

In case of contact with skin wash off immediately with plenty of water. Remove contaminated, soaked clothing immediately and dispose of safely.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.).

After ingestion

Drink water in small gulps. By continuous complaints consult a physician.

5. Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Extinguishing measures to suit surroundings

5.2. Special hazards arising from the substance or mixture

The product is not combustible. If a fire breaks out nearby evolution of dangerous gases possible.

5.3. Advice for firefighters**Special protective equipment for fire-fighting**



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Use self-contained breathing apparatus.

Other information

Collect contaminated fire-fighting water separately, must not be discharged into the drains. Do not discharge into surface waters/groundwater.

6. Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Do not inhale dust.

6.2. Environmental precautions

Do not allow to enter drains.

6.3. Methods and material for containment and cleaning up

Pick up mechanically. When picked up, treat material as prescribed under heading "Disposal". Clean up affected area. Avoid raising dust.

7. Handling and storage**7.2. Conditions for safe storage, including any incompatibilities****Hints on storage assembly**

Do not store together with: solvents

Further information on storage conditions

Keep container tightly closed and dry.

8. Exposure controls/personal protection**8.1. Control parameters****Exposure limit values****Zinc oxide**

List	SUVA		
Type	MAK		
Value	3	mg/m ³	
Short term exposure limit	3	mg/m ³	
Maximum limit value: 15 min; Status: 2005;			

8.2. Exposure controls**General protective and hygiene measures**

Remove contaminated, soaked clothing immediately and dispose of safely. Wash hands before breaks and after work.

Respiratory protection

Breathing apparatus in the event of aerosol. Particle filter P2

Hand protection

Gloves			
Appropriate Material	nitrile		
Material thickness	0.11	mm	
Penetrating time	>	480	

Eye protection

necessary

9. Physical and chemical properties



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9.1. Information on basic physical and chemical properties

Form	Powder
Colour	whitish
Odour	odourless
Boiling point	
Remarks	No data available
Flash point	
Value	°C
Remarks	Not applicable
Vapour pressure	
Remarks	Not determined

10. Stability and reactivity

10.5. Incompatible materials

Reacts with hydrogen peroxide (H₂O₂). Product reacts with: Magnesium

11. Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

Reference substance	Zinc oxide		
Species	rat		
LD50	> 5000		mg/kg
Source	IUCLID		
Reference substance	Zinc oxide		
Species	Human		
LDLo	500		mg/kg
Source	RTECS		

Acute inhalational toxicity

Reference substance	Zinc oxide		
Species	rat		
LC0	>= 5		mg/m ³
Duration of exposure	3	h	

Skin corrosion/irritation

Reference substance	Zinc oxide
valuation	slightly irritant

Serious eye damage/irritation

Reference substance	Zinc oxide
valuation	slightly irritant

Sensitization

Reference substance	Zinc oxide
Remarks	No sensitisation effect known.
Source	IUCLID

Mutagenicity

Reference substance	Zinc oxide
method	Ames test
Remarks	negative

Other information

Observe the usual precautions for handling chemicals.



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12. Ecological information

12.1. Toxicity

Fish toxicity

Reference substance	Zinc oxide		
Species	rainbow trout (<i>Oncorhynchus mykiss</i>)		
LC50	1.1		mg/l
Duration of exposure	96	h	

Daphnia toxicity

Reference substance	Zinc oxide		
Species	Daphnia magna		
EC50	> 1000		mg/l
Duration of exposure	48	h	

Algae toxicity

Reference substance	Zinc oxide		
Species	<i>Pseudokirchneriella subcapitata</i>		
IC50	0.17		mg/l
Duration of exposure	72	h	

12.6. Other adverse effects

General information / ecology

Do not allow it to reach ground water, water bodies or sewage system.

13. Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

Disposal in compliance with local and national regulations.

Disposal recommendations for packaging

Dispose of as unused product.

14. Transport information

Land transport ADR/RID

14.1. UN number

UN 3077

14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S

Danger releasing substance Zinc oxide

14.3. Transport hazard class(es)

Class 9

Label 9

14.4. Packing group

Packing group III

Marine transport IMDG/GGVSee

14.1. UN number

UN 3077

14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S

Danger releasing substance Zinc oxide

14.3. Transport hazard class(es)

Class 9



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14.4. Packing group

Packing group III

Air transport ICAO/IATA**14.1. UN number**

UN 3077

14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S

Danger releasing substance Zinc oxide

14.3. Transport hazard class(es)

Class 9

14.4. Packing group

Packing group III

15. Regulatory information**16. Other information****R-phrases listed in chapter 3**

50/53

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazard statements listed in chapter 3

H400

Very toxic to aquatic life.

H410

Very toxic to aquatic life with long lasting effects.

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.