



Trade name: Zinci stearas

Substance number: 068632

Version: 3 / CH

Date revised: 25.09.12

Replaces Version: 2 / CH

Date of printing: 25.09.12

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

### **1.1. Product identifier**

Zinci stearas

Item-No.

06863200

### **1.2. Relevant identified uses of the substance or mixture and uses advised against**

#### **Use of the substance/preparation**

Cosmetics, pharmacy

### **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**

### **2.2. Label elements**

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

The product does not require a hazard warning label in accordance with EC directives/the relevant national laws.

## **3. Composition/information on ingredients**

#### **Registration no.**

EC No.:

209-151-9

#### **Substance / product identification**

CAS-Nr.

557-05-1

EINECS-Nr.

209-151-9

## **4. First aid measures**

### **4.1. Description of first aid measures**

#### **General information**

Remove contaminated, soaked clothing immediately and dispose of safely.

#### **After inhalation**

Ensure supply of fresh air. Summon a doctor immediately. If the patient is likely to become unconscious, place and transport in stable sideways position.

#### **After skin contact**

In case of contact with skin wash off immediately with plenty of water. Consult a doctor if skin irritation persists.



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#### **After eye contact**

Separate eyelids, wash the eyes thoroughly with water (15 min.). By continuous complaints consult a physician.

#### **After ingestion**

Rinse out mouth and give plenty of water to drink. Seek medical advice immediately.

## **5. Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

Extinguishing measures to suit surroundings

### **5.3. Advice for firefighters**

#### **Special protective equipment for fire-fighting**

Use self-contained breathing apparatus. Wear full protective suit.

## **6. Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep away unprotected persons.

### **6.2. Environmental precautions**

No special measures required.

### **6.3. Methods and material for containment and cleaning up**

Pick up mechanically. When picked up, treat material as prescribed under heading "Disposal".

### **6.4. Reference to other sections**

Information regarding Safe handling, see chapter 7. Information regarding personal protective measures see, chapter 8. Information regarding Waste Disposal, see chapter 13.

## **7. Handling and storage**

### **7.1. Precautions for safe handling**

#### **Advice on safe handling**

Avoid dust formation.

#### **Advice on protection against fire and explosion**

Keep away from sources of ignition - refrain from smoking.

### **7.2. Conditions for safe storage, including any incompatibilities**

#### **Requirements for storage rooms and vessels**

No special requirements.

#### **Hints on storage assembly**

Do not store together with foodstuffs.

#### **Further information on storage conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place.

## **8. Exposure controls/personal protection**

### **8.1. Control parameters**

#### **Exposure limit values**



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**Zinc distearate**

List	SUVA	
Type	MAK	
Value	3	mg/m <sup>3</sup>
Status: 2012;		

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

Keep away from food-stuffs, beverages and feed-stocks. At work do not eat, drink, smoke or take drugs. 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 P1

**Hand protection**

Protective gloves

Appropriate Material

The glove material must be sufficient impermeable and resistant to the substance. Check the tightness before wear. Gloves should be well cleaned before being removed, then stored in a well ventilated location.

**Eye protection**

Tightly fitting safety glasses

**Body protection**

Clothing as usual in the chemical industry.

**9. Physical and chemical properties****9.1. Information on basic physical and chemical properties**

<b>Form</b>	Powder
<b>Colour</b>	white
<b>Odour</b>	odourless
<b>pH</b>	
Remarks	No data available
<b>Melting point</b>	
Value	120 to 122 °C
<b>Boiling point</b>	
Remarks	Not determined
<b>Flash point</b>	
Value	277 °C
<b>Explosion limits</b>	
Lower explosion limit	30 %(V)
<b>Density</b>	
Value	1.1 g/cm <sup>3</sup>
Temperature	20 °C
<b>Solubility in water</b>	
Value	0.0009 g/cm <sup>3</sup>
Temperature	20 °C
Remarks	virtually insoluble
<b>Ignition temperature</b>	
Value	420 °C
<b>Thermal decomposition</b>	



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Remarks

No decomposition if used as prescribed.

## **10. Stability and reactivity**

### **10.4. Conditions to avoid**

#### **Thermal decomposition**

Remarks

No decomposition if used as prescribed.

### **10.5. Incompatible materials**

Danger of dust explosion, Reactions with strong oxidising agents.

### **10.6. Hazardous decomposition products**

No hazardous decomposition products known.

## **11. Toxicological information**

### **11.1. Information on toxicological effects**

#### **Acute oral toxicity**

Species

rat

LD50

&gt;

5000

mg/kg

#### **Skin corrosion/irritation**

Remarks

No effect of irritation known.

#### **Sensitization**

Remarks

No sensitisation effect known.

#### **Other information**

By appropriate use of the product no health damage is known.

## **12. Ecological information**

### **12.2. Persistence and degradability**

#### **Biodegradability**

valuation

Readily biodegradable

### **12.6. Other adverse effects**

#### **General information / ecology**

In general not water hazardous.

## **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**

Non-dangerous goods

### **Marine transport IMDG/GGVSee**

The product does not constitute a hazardous substance in sea transport.



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### **Air transport ICAO/IATA**

The product does not constitute a hazardous substance in air transport.

## **15. Regulatory information**

### **15.2. Chemical safety assessment**

For this substance a chemical safety assessment has not been carried out.

## **16. Other information**

### **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.