



Trade name: Magnesii stearas

Substance number: 065352

Version: 1 / CH

Date revised: 27.03.12

Replaces Version: - / CH

Date of printing: 27.03.12

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

1.1. Product identifier

Magnesii stearas

Item-No.

06535200

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.

2.3. Other hazards

No special hazards have to be mentioned.

3. Composition/information on ingredients

Substance / product identification

CAS-Nr.

557-04-0

EINECS-Nr.

209-150-3

4. First aid measures

4.1. Description of first aid measures

After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

After skin contact

Wash off immediately with soap and water and rinse well. Consult a doctor if skin irritation persists.

After eye contact

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

After ingestion

Rinse mouth thoroughly with water. By continuous complaints consult a physician.

5. Firefighting measures

5.1. Extinguishing media



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Suitable extinguishing media

Carbon dioxide, Dry powder, Water spray jet, Extinguish greater fire with water spray or alcohol-resistant foam.

Non Suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released: Carbon monoxide (CO)

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

Use self-contained breathing apparatus.

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

Wear protective equipment

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

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

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. Dust deposits that cannot be avoided must be taken up regularly. Suitable industrial vacuum cleaners or central exhaust ventilation equipment must be used for taking up dust.

Advice on protection against fire and explosion

Keep away from sources of ignition - refrain from smoking. Dust can form an explosive mixture with air. Take precautionary measures against static charges.

7.2. Conditions for safe storage, including any incompatibilities**Recommended storage temperature**

Value 3 - 30 °C

Requirements for storage rooms and vessels

No special requirements.

Hints on storage assembly

Do not store with oxidizing agents.

Further information on storage conditions

Keep container tightly closed. Store in a dry place

8. Exposure controls/personal protection**8.2. Exposure controls**



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Exposure controls

See chapter 7. No measures exceeding the ones mentioned are necessary.

General protective and hygiene measures

Keep away from food-stuffs, beverages and feed-stocks. Remove contaminated, soaked clothing immediately and dispose of safely. Wash hands before breaks and after work. Avoid contact with eyes and skin.

Respiratory protection

Breathing apparatus in the event of aerosol, mist or fume formation. Particle filter P2

Eye protection

Tightly fitting safety glasses

Body protection

Personnel should wear protective clothing.

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

Form	Powder
Colour	white
Odour	odourless
pH	
Remarks	Not applicable
Melting point	
Value	130 to 145 °C
Boiling point	
Remarks	Not determined
Flash point	
Value	200 °C
Explosion limits	
Lower explosion limit	30 % (V)
Remarks	Not determined
Vapour pressure	
Remarks	Not applicable
Density	
Remarks	Not determined
Solubility in water	
Remarks	Immiscible resp. little miscible.
Ignition temperature	
Value	appr. 220 °C
Thermal decomposition	
Value	> 200 °C
Viscosity	
dynamic	
kinematic	

9.2. Other information**Bulk density**Value 120 to 180 kg/m³



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Temperature 20 °C

Other information

Forms explosive mixture with air are possible.

10. Stability and reactivity**10.4. Conditions to avoid**

To avoid thermal decomposition, do not overheat.

Thermal decomposition

Value > 200 °C

10.5. Incompatible materials

Reactions with acids. Reactions with strong oxidising agents. Danger of dust explosion

11. Toxicological information**11.1. Information on toxicological effects****Acute oral toxicity**

Species	rat	
LD50	> 10000	mg/kg

Skin corrosion/irritation

Remarks	Irritates the mucous membrane.
Remarks	Irritating to skin.

Serious eye damage/irritation

valuation	irritant
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Sensitization

Remarks	No sensitisation effect known.
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12. Ecological information**12.1. Toxicity****Fish toxicity**

Remarks	No data available.
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12.2. Persistence and degradability**Biodegradability**

Remarks	The product is biodegradable.
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12.6. Other adverse effects**General information / ecology**

Ecological data are not available.

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

Disposal in compliance with local and national regulations.



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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.

Air transport ICAO/IATA

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

15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Water Hazard Class (Ger.)

Water Hazard Class (Ger.) Not water hazardous

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.