



Trade name: Magnesii sulfas siccatus

Substance number: 065408

Version: 1 / CH

Date revised: 25.06.12

Replaces Version: - / CH

Date of printing: 25.06.12

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

### 1.1. Product identifier

Magnesii sulfas siccatus

Item-No. 06540800

### 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 person responsible for this SDS

sdb@haenseler.ch

### 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.

## 3. Composition/information on ingredients

#### Substance / product identification

CAS-Nr. 7487-88-9

EINECS-Nr. 231-298-2

#### Chemical characterization

Single substance

#### Molecular weight

Value 120.37 g/mol

## 4. First aid measures

### 4.1. Description of first aid measures

#### After inhalation

Remove the casualty into fresh air and keep him calm.

#### 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

Let plenty of water be drunk in small gulps. By continuous complaints consult a physician.



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## **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. In case of combustion evolution of dangerous gases possible. In the event of fire the following can be released: Sulfuroxides (SOx)

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

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

Use self-contained breathing apparatus. Use personal protective clothing.

#### **Other information**

Suppress vapours with water spray jet. Do not discharge into surface waters/groundwater.

## **6. Accidental release measures**

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

Avoid contact with skin, eyes and clothing. Avoid dust formation. Do not inhale dust.

### **6.2. Environmental precautions**

Do not allow to enter drains.

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

To pick up dry. Send in suitable containers for recovery or disposal. Clean up affected area.

## **7. Handling and storage**

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

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

No special measures necessary if stored and handled as prescribed.

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

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

Keep container tightly closed and dry.

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

### **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.

#### **Hand protection**

Gloves

Appropriate Material	nitrile rubber - NBR
Material thickness	0.11 mm
Penetrating time	> 480 min

#### **Eye protection**



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necessary

**Body protection**

necessary

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

<b>Form</b>	solid		
<b>Colour</b>	white		
<b>Odour</b>	odourless		
<b>pH</b>			
Value	7.9		
Concentration/H <sub>2</sub> O	50	g/l	
Temperature	20	°C	

**Melting point**

Remarks Not applicable

**Boiling point**

Remarks Not applicable

**Flash point**

Remarks Not applicable

**Density**

Value	2.66		g/cm <sup>3</sup>
Temperature	20	°C	

**Solubility in water**

Value	300		g/l
Temperature	20	°C	

**Thermal decomposition**

Value	1124		°C
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**9.2. Other information****Bulk density**

Value	appr. 600		kg/m <sup>3</sup>
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**10. Stability and reactivity****10.4. Conditions to avoid**

To avoid thermal decomposition, do not overheat.

**Thermal decomposition**

Value	1124		°C
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**10.6. Hazardous decomposition products**In the event of fire the following can be released: sulphurous oxides (SO<sub>x</sub>)**11. Toxicological information****11.1. Information on toxicological effects****Acute inhalational toxicity**

Remarks Not applicable

**Experience in practice**

After Swallowing: nausea. vomiting. diarrhea



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**Other information**

Observe the usual precautions for handling chemicals.  
By appropriate use of the product no health damage is known.

**12. Ecological information****12.1. Toxicity****Fish toxicity**

Species	Gambusia affinis		
LC50	15500		mg/l
Duration of exposure	96	h	
Source	IUCLID		

**Daphnia toxicity**

Species	Daphnia magna		
EC50	1700		mg/l
Duration of exposure	24	h	

**Algae toxicity**

Species	Desmodesmus subspicatus		
IC50	2700		mg/l
Duration of exposure	72	h	
Source	IUCLID		

**Bacteria toxicity**

Species	Photobacterium phosphoreum		
EC50	84000		mg/l
Duration of exposure	30	min	
Source	IUCLID		

**12.6. Other adverse effects****General information / ecology**

Do not allow it to reach soil, 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**

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

**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**



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

#### Water Hazard Class (Ger.)

Water Hazard Class (Ger.)	WGK 1
Remarks	Classification according to Annex 2 VwVwS

### 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.