



Trade name: Magnesii sulfas ad us.vet.

Substance number: 065400

Version: 1 / CH

Date revised: 26.06.12

Replaces Version: - / CH

Date of printing: 26.06.12

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

### **1.1. Product identifier**

Magnesii sulfas ad us.vet.

Item-No. 06540000

### **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.

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

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

CAS-Nr. 10034-99-8

EINECS-Nr. 231-298-2

## **4. First aid measures**

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

#### **General information**

Adhere to personal protective measures when giving first aid.

#### **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.

#### **After eye contact**

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

#### **After ingestion**

Rinse out mouth and give plenty of water to drink. Take medical treatment.

### **4.2. Most important symptoms and effects, both acute and delayed**

Gastrointestinal complaints, Diarrhoea, CNS Disturbance

## **5. Firefighting measures**



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## 5.1. Extinguishing media

### Suitable extinguishing media

Extinguishing measures to suit surroundings, 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

Sulfuroxides (SO<sub>x</sub>)

## 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

Use personal protective clothing.

### 6.2. Environmental precautions

No special measures required.

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

Pick up mechanically.

### 6.4. Reference to other sections

Dangerous substances are not released.

## 7. Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

No special requirements.

#### Advice on protection against fire and explosion

No special measures necessary.

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

#### Requirements for storage rooms and vessels

No special requirements.

#### Further information on storage conditions

Product is hygroscopic. Protect from atmospheric moisture and water.

## 8. Exposure controls/personal protection

### 8.2. Exposure controls

#### General protective and hygiene measures

Do not eat or drink during work time.

#### Respiratory protection

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

#### Hand protection

The glove material must be sufficient impermeable and resistant to the substance. Check the tightness



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before wear. Gloves should be well cleaned before being removed, then stored in a well ventilated location.

Appropriate Material	Natural Latex		
Material thickness	0.5	mm	
Penetrating time	>= 8	h	
Appropriate Material	Polychloroprene		
Material thickness	0.5	mm	
Penetrating time	>= 8	h	
Appropriate Material	nitrile rubber - NBR		
Material thickness	0.35	mm	
Penetrating time	>= 8	h	
Appropriate Material	Butyl rubber - Butyl		
Material thickness	0.5	mm	
Penetrating time	>= 8	h	
Appropriate Material	Fluoro carbon rubber - FKM		
Material thickness	0.5	mm	
Penetrating time	>= 8	h	
Appropriate Material	PVC		
Material thickness	0.5	mm	
Penetrating time	>= 8	h	

**Eye protection**

Safety glasses

**Body protection**

Protective clothing

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

<b>Form</b>	Crystalline powder		
<b>Colour</b>	white		
<b>Odour</b>	odourless		
<b>pH</b>			
Remarks	neutral		
<b>Melting point</b>			
Value	1130		°C
<b>Boiling point</b>			
Remarks	Not determined		
<b>Flash point</b>			
Remarks	Not applicable		
<b>Flammability</b>			
Not ignitable			
<b>Vapour pressure</b>			
Value	10.6		hPa
Temperature	20	°C	
<b>Density</b>			
Value	1.68		g/cm <sup>3</sup>
Temperature	20	°C	
<b>Solubility in water</b>			
Value	340		g/l
Temperature	20	°C	



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**Thermal decomposition**

Remarks Loss of water of crystallization on heating

**9.2. Other information****Bulk density**Value appr. 1000 kg/m<sup>3</sup>**Other information**

The product is not dangerous for explosions.

**10. Stability and reactivity****10.3. Possibility of hazardous reactions**

No hazardous reactions known.

**10.4. Conditions to avoid****Thermal decomposition**

Remarks Loss of water of crystallization on heating

**10.6. Hazardous decomposition products**

No hazardous decomposition products known.

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

Remarks Quantitative data concerning toxicity are not available.

**Skin corrosion/irritation**

Remarks No effect of irritation known.

**Serious eye damage/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****12.1. Toxicity****Fish toxicity**

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

**Daphnia toxicity**

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

**Algae toxicity**

Species	Scenedesmus subspicatus	
IC50	2700	mg/l
Duration of exposure	72 h	



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## 12.6. Other adverse effects

### General information / ecology

Innocuousl to aquatic organisms. In general not water hazardous.

## 13. Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations for the product

In accordance with regulations for special waste, must be taken to an authorised special waste disposal site.

EWC waste code

Samll amounts can be disposed together with rubbish.

#### 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

### 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.