



Trade name: Streptomycini sulfas

Substance number: 067800

Version: 1 / CH

Date revised: 09.10.12

Replaces Version: - / CH

Date of printing: 09.10.12

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

### 1.1. Product identifier

Streptomycini sulfas

Item-No. 06780000

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

#### Use of the substance/preparation

Reagent for analyses

### 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

### 2.1. Classification of the substance or mixture

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

Classification (Regulation (EC) No. 1272/2008)  
Acute Tox. 4 H302  
Repr. 2 H361

#### Classification in accordance with EC directives

Classification Repr.Cat.3, R63  
Xn, R22

### 2.2. Label elements

#### Labelling according to regulation (EC) No 1272/2008

#### Hazard pictograms



#### Signal Word

Warning

#### Hazard statements

H302 Harmful if swallowed.  
H361 Suspected of damaging fertility or the unborn child.

#### Precautionary statements

P281 Use personal protective equipment as required.

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



Trade name: Streptomycini sulfas

Substance number: 067800

Version: 1 / CH

Date revised: 09.10.12

Replaces Version: - / CH

Date of printing: 09.10.12

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

**Hazard symbols**

Harmful

**R phrases**

22 Harmful if swallowed.  
63 Possible risk of harm to the unborn child.

**S phrases**

24/25 Avoid contact with skin and eyes.  
22 Do not breathe dust.  
36 Wear suitable protective clothing.

**Hazardous component(s) to be indicated on label**

contains streptomycin sulphate

**Special labelling for certain preparations**

"Restricted to professional users"

**3. Composition/information on ingredients****Molecular weight**

Value 728.69 g/mol

**Hazardous ingredients****streptomycin sulphate**

CAS No. 3810-74-0  
EINECS no. 223-286-0  
Concentration >= 50 %  
Classification Xn, R22  
Repr.Cat.3, R63

Classification (Regulation (EC) No. 1272/2008)  
Acute Tox. 4 H302  
H361

**4. First aid measures****4.1. Description of first aid measures****General information**

If you feel unwell, seek medical advice (show the label where possible).

**After inhalation**

Remove the casualty into fresh air and keep him calm. Irregular breathing/no breathing: artificial respiration. Seek medical advice immediately.

**After skin contact**

Wash off immediately with soap and water and rinse well. Seek medical advice immediately.

**After eye contact**

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water.

**After ingestion**



Trade name: Streptomycini sulfas

Substance number: 067800

Version: 1 / CH

Date revised: 09.10.12

Replaces Version: - / CH

Date of printing: 09.10.12

Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with water. Seek medical advice immediately.

## **5. Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

Water mist, Alcohol-resistant foam, Dry chemical extinguisher, Carbon dioxide

### **5.2. Special hazards arising from the substance or mixture**

Carbon monoxide (CO); Carbon dioxide (CO<sub>2</sub>); Nitrogen oxides (NO<sub>x</sub>); Sulphur oxides

### **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. Avoid dust formation. Do not inhale vapours. Ensure adequate ventilation. Remove persons to safety. Avoid breathing dust.

### **6.2. Environmental precautions**

Do not allow to enter drains. Prevent spread over a wide area (e.g. by containment or oil barriers).

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

Pick up mechanically. Send in suitable containers for recovery or disposal.

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

Information regarding Waste Disposal, see chapter 13.

## **7. Handling and storage**

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

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

Avoid contact with skin and eyes. Avoid dust formation. Avoid formation of aerosols. Provide good ventilation of working area (local exhaust ventilation if necessary).

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

#### **Recommended storage temperature**

Value 2 - 8 °C

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

Keep in a cool place.

#### **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**

#### **Other information**

Contains no substances with occupational exposure limit values.

### **8.2. Exposure controls**



Trade name: Streptomycini sulfas

Substance number: 067800

Version: 1 / CH

Date revised: 09.10.12

Replaces Version: - / CH

Date of printing: 09.10.12

**General protective and hygiene measures**

Observe the usual precautions when handling chemicals. Wash hands before breaks and after work.

**Respiratory protection**

Full mask with combination filter A2/P3

**Hand protection**

Protective gloves

Appropriate Material nitrile rubber - NBR

Material thickness 0.11 mm

Penetrating time > 480 min

Appropriate Material nitrile rubber - NBR

Material thickness 0.11 mm

Penetrating time > 30 min

**Eye protection**

Safety glasses with side protection shield

**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>pH</b>	
Remarks	No data available
<b>Melting point</b>	
Remarks	No data available
<b>Boiling point</b>	
Remarks	No data available
<b>Flash point</b>	
Remarks	No data available
<b>Vapour pressure</b>	
Remarks	No data available
<b>Density</b>	
Remarks	No data available
<b>Solubility in water</b>	
Remarks	No data available

**10. Stability and reactivity****10.5. Incompatible materials**

Strong oxidising agents

**10.6. Hazardous decomposition products**

In the event of fire the following can be released: Carbon monoxide and carbon dioxide, nitrous oxides (NO<sub>x</sub>), sulphurous oxides (SO<sub>x</sub>)

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



Trade name: Streptomycini sulfas

Substance number: 067800

Version: 1 / CH

Date revised: 09.10.12

Replaces Version: - / CH

Date of printing: 09.10.12

Species	rat		
LD50	430		mg/kg

**Skin corrosion/irritation**

Remarks No data available.

**Serious eye damage/irritation**

Remarks No data available.

**Sensitization**

Remarks No data available.

**Reproduction toxicity**

Species	Human
Remarks	positive

**Carcinogenicity**

Species	Human
Remarks	negative

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

Species	rainbow trout (Oncorhynchus mykiss)		
LC50	> 180		mg/l
Duration of exposure	96	h	

**Daphnia toxicity**

Species	Daphnia magna		
EC50	650		mg/l
Duration of exposure	48	h	

**12.2. Persistence and degradability****Biodegradability**

Remarks No data available.

**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 or incineration plant.

**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.

**Air transport ICAO/IATA**

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



Trade name: Streptomycini sulfas

Substance number: 067800

Version: 1 / CH

Replaces Version: - / CH

Date revised: 09.10.12

Date of printing: 09.10.12

## **15. Regulatory information**

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

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

## **16. Other information**

### **R-phrases listed in chapter 3**

22 Harmful if swallowed.  
63 Possible risk of harm to the unborn child.

### **Hazard statements listed in chapter 3**

H302 Harmful if swallowed.  
H361 Suspected of damaging fertility or the unborn child.

### **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.