

Trade name: Barii sulfas

Substance number: 061680

Version: 3 / CH

Date revised: 03.02.2020

Replaces Version: 2 / CH

Print date: 03.02.20

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

### **1.1. Product identifier**

Barii sulfas

Item No. 06168000

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

CAS-No. 7727-43-7

EINECS-No. 231-784-4

REACH Registry No. 01-2119491274-35-xxxx

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

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

Manufacture of pharmaceutical products, Manufacture of cosmetics

### **1.3. Details of the supplier of the safety data sheet**

#### **Address/Manufacturer**

Hänseler AG

Industriestrasse 35

9100 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

## **SECTION 2: Hazards identification \*\*\***

### **2.1. Classification of the substance or mixture**

Voluntary product information following the Safety Data Sheet format

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

### **2.2. Label elements**

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

The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

### **2.3. Other hazards**

No special hazards have to be mentioned.

## **SECTION 3: Composition/information on ingredients**

### **3.1. Substances**

#### **Molecular weight**

Value 233.39 g/mol

#### **Further ingredients**

##### **Barium sulphate**

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Concentration  $\geq$  95 %  
Advice: [4]

**Note**

[4] Voluntary information

**Other information**

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

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

No special measures necessary.

**After inhalation**

Ensure supply of fresh air.

**After eye contact**

In case of contact with eyes rinse thoroughly with water.

**After ingestion**

In the event of symptoms take medical treatment.

**SECTION 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**In the event of fire the following can be released: Sulfuroxides (SO<sub>x</sub>)**5.3. Advice for firefighters****Special protective equipment for fire-fighting**

No special measures required.

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

Avoid dust formation. Do not inhale dust.

**6.2. Environmental precautions**

Do not empty into drains.

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

To pick up dry. When picked up, treat material as prescribed under Section 13 "Disposal". Clean up affected area.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

No special requirements.

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

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**Requirements for storage rooms and vessels**

Keep container tightly closed and dry.

**Storage classes**

Storage class according to TRGS 510	13
Storage category (Switzerland)	NG

Non- combustible solids  
Other solid hazardous substances  
without hazardous  
classification/labelling

**Further information on storage conditions**

None.

**SECTION 8: Exposure controls/personal protection \*\*\*****8.2. Exposure controls****General protective and hygiene measures**

Observe the usual precautions for handling chemicals.

**Respiratory protection**

Breathing apparatus in the event of aerosol.

**Hand protection**

Not necessary.

**Eye protection**

necessary

**SECTION 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 value</b>			
Value	3.5	to	10
Concentration/H <sub>2</sub> O	100	g/l	
Temperature	20	°C	
Remarks	Suspension in water		

**Melting point**

Value	1580	°C
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**Initial boiling point and boiling range**

Remarks	Not applicable
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**Flash point**

Value	°C
Remarks	Not applicable

**Density**

Value	3.08	to	3.97	g/cm <sup>3</sup>
Temperature	19.3	°C		

**Solubility in water**

Value	3.1	mg/l
Temperature	20	°C
Remarks	slightly soluble	

**Ignition temperature**

Remarks	Not applicable
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**Decomposition temperature**

Value 1580 °C

**9.2. Other information****Bulk density**Value appr. 500 kg/m<sup>3</sup>**Other information**

The product is non-combustible.

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No decomposition if stored and applied as directed.

**10.2. Chemical stability**

No decomposition if stored and applied as directed.

**10.3. Possibility of hazardous reactions**

No decomposition if stored and applied as directed.

**10.4. Conditions to avoid**

No hazardous reactions known.

**10.5. Incompatible materials**

Aluminium powder, heat, phosphorus

**10.6. Hazardous decomposition products**sulphurous oxides (SO<sub>x</sub>)**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity (Components)****Barium sulphate**

Species	rat		
LD50		370000	mg/kg
Method	OECD 401		

**SECTION 12: Ecological information****12.5. Results of PBT and vPvB assessment****Evaluation of persistence and bioaccumulation potential**

The product contains no PBT or vPvB substances.

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

For this subsection there is no ecotoxicological data available on the product as such. Ecological injuries are not known or expected under normal use. In general not water hazardous.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations for the product**

EWC waste code Samll amounts can be disposed together with rubbish.

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**Disposal recommendations for packaging**

Disposal in compliance with local and national regulations.

**SECTION 14: Transport information**

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	Non-dangerous goods	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.

**SECTION 15: Regulatory information \*\*\*****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Water Hazard Class (Germany) \*\*\***

Water Hazard Class (Germany)      Not water hazardous

Remarks      Derivation of WGK according to Annex 1 No. 5.2 AwSV

**SECTION 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.