



Trade name: Natrii sulfas decahydricus

Substance number: 066584

Version: 1 / CH

Date revised: 03.04.12

Replaces Version: - / CH

Date of printing: 03.04.12

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

1.1. Product identifier

Natrii sulfas decahydricus

Item-No. 06658400

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. 7727-73-3

EINECS-Nr. 231-820-9

Molecular weight

Value 322.19 g/mol

4. First aid measures

4.1. Description of first aid measures

After inhalation

Ensure supply of fresh air.

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.



Trade name: Natrii sulfas decahydricus

Substance number: 066584

Version: 1 / CH

Date revised: 03.04.12

Replaces Version: - / CH

Date of printing: 03.04.12

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. If a fire breaks out nearby evolution of dangerous gases possible. In the event of fire the following can be released: Sulfuroxides (SO_x)

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Use self-contained breathing apparatus.

Other information

Cool endangered containers 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 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. Dampen, pick up mechanically and dispose of. Clean up affected area.

7. Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Observe safety references and application instructions mentioned on can.

7.2. Conditions for safe storage, including any incompatibilities

Recommended storage temperature

Value 15 - 25 °C

Further information on storage conditions

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. Short term: filter apparatus, Filter P1

Hand protection

Gloves

Appropriate Material nitrile rubber - NBR

Material thickness 0.11 mm



Trade name: Natrii sulfas decahydricus

Substance number: 066584

Version: 1 / CH

Date revised: 03.04.12

Replaces Version: - / CH

Date of printing: 03.04.12

Penetrating time > 480 min

Eye protection

Safety glasses

Body protection

Clothing as usual in the chemical industry.

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

Form	solid		
Form	crystalline		
Colour	colourless		
Odour	odourless		
pH			
Value	5.2	to	8.0
Concentration/H ₂ O	50	g/l	
Temperature	25	°C	
Melting point			
Value	32.4		°C
Boiling point			
Remarks	Not applicable		
Flash point			
Remarks	Not applicable		
Density			
Value	1.464		g/cm ³
Solubility in water			
Value	appr. 420		g/l
Temperature	20	°C	
Thermal decomposition			
Value	> 870		°C

9.2. Other information**Bulk density**Value appr. 700 kg/m³**10. Stability and reactivity****10.4. Conditions to avoid**

To avoid thermal decomposition, do not overheat.

Thermal decomposition

Value > 870 °C

10.6. Hazardous decomposition productssulphurous oxides (SO_x)**11. Toxicological information****11.1. Information on toxicological effects****Skin corrosion/irritation**

Species rabbit



Trade name: Natrii sulfas decahydricus

Substance number: 066584

Version: 1 / CH

Date revised: 03.04.12

Replaces Version: - / CH

Date of printing: 03.04.12

valuation method	non-irritant OECD 404
------------------	--------------------------

Serious eye damage/irritation

Species	rabbit
valuation method	slightly irritant OECD 405

Mutagenicity

method	Ames test
Remarks	negative
Source	IUCLID

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

Species	Gambusia affinis	
LC50	120	mg/l
Duration of exposure	96	h
Source	IUCLID	

Daphnia toxicity

Species	Daphnia magna	
EC50	2564	mg/l
Duration of exposure	48	h
Source	IUCLID	

Bacteria toxicity

Species	Pseudomonas putida	
EC10	> 1000	mg/l
Duration of exposure	16	h
Source	IUCLID	

12.2. Persistence and degradability**Biodegradability**

Remarks	Not applicable.
---------	-----------------

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

Do not allow it to reach 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



Trade name: Natrii sulfas decahydricus

Substance number: 066584

Version: 1 / CH

Replaces Version: - / CH

Date revised: 03.04.12

Date of printing: 03.04.12

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

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.