



Trade name: Natrii sulfas anhydr ad us.vet.

Substance number: 066632

Version: 1 / CH

Date revised: 24.01.12

Replaces Version: - / CH

Date of printing: 27.09.12

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

1.1. Product identifier

Natrii sulfas anhydr ad us.vet.

Item-No. 06663200

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

Although this product does not require a hazard warning label, we recommend that the safety advice should be observed.

The product does not require a hazard warning label in accordance with EC Directives.

S phrases

22 Do not breathe dust.

24/25 Avoid contact with skin and eyes.

2.3. Other hazards

The product does not require a hazard warning label in accordance with Directive 67/548/EC

3. Composition/information on ingredients

Substance / product identification

CAS-Nr. 7757-82-9

INCI Natriumsulfat, wasserfrei

EINECS-Nr. 231-820-9

4. First aid measures

4.1. Description of first aid measures

General information

Take off contaminated clothing and shoes immediately. 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

Consult a doctor if skin irritation persists.



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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.

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

Nausea, Vomiting, Gastrointestinal complaints, Cardiovascular disturbance

4.3. Indication of any immediate medical attention and special treatment needed

Hints for the physician / hazards

Frequent and persistent contact with the skin can cause dermatitis.

5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

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

In the event of fire the following can be released: 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

Avoid dust formation.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Pick up mechanically.

6.4. Reference to other sections

Dangerous substances are not released. Information regarding Safe handling, see chapter 7. Information regarding personal protective measures see, chapter 8. Information regarding Waste Disposal, see chapter 13.

7. Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Provide exhaust ventilation if dust is formed. Avoid dust formation. No special requirements.

Advice on protection against fire and explosion

The product is not combustible.

7.2. Conditions for safe storage, including any incompatibilities



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Requirements for storage rooms and vessels

Do not use light metal drums.

Hints on storage assembly

Not required.

Further information on storage conditions

Store in a dry place. Product is hygroscopic.

8. Exposure controls/personal protection**8.2. Exposure controls****Exposure controls**

See chapter 7. No measures exceeding the ones mentioned are necessary.

General protective and hygiene measures

Observe the usual precautions when handling chemicals.

Respiratory protection

Breathing apparatus in the event of aerosol or mist formation. Particle filter half mask, filter P1; At intensive and longer exposition use self-contained breathing apparatus.

Hand protection

Protective gloves

The glove material must be sufficient impermeable and resistant to the substance. Check the tightness 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	
Appropriate Material	nitrile rubber - NBR		
Material thickness	0.35	mm	
Appropriate Material	Butyl rubber - Butyl		
Material thickness	0.5	mm	
Appropriate Material	Fluoro carbon rubber - FKM		
Material thickness	0.4	mm	

Not suitable: gloves made of thick material

Eye protection

Not necessary.

Body protection

Protective clothing; Solvent-resistant protective clothing

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

Form	Crystalline powder
Colour	white
Odour	odourless
pH	
Value	4 to 6
Concentration/H ₂ O	110 g/l
Temperature	18 °C

Melting point



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Value	884	°C
Boiling point		
Value	> 1700	°C
Flash point		
Remarks	Not applicable	
Vapour pressure		
Remarks	Not applicable	
Density		
Value	2.68	kg/m ³
Temperature	20	°C
Solubility in water		
Value	185	g/l
Temperature	20	°C
9.2. Other information		
Bulk density		
Value	appr. 1300	kg/m ³
Temperature	20	°C

10. Stability and reactivity

10.4. Conditions to avoid

No decomposition if stored and applied as directed.

10.5. Incompatible materials

Reactions with aluminium at high temperature.

10.6. Hazardous decomposition products

Sulphur dioxide

11. Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

Species	mouse	
LD50	> 2000	mg/kg

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 Fathead minnow (Pimephales promelas)



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LC50	13500	mg/l
Species	Bluegill (Lepomis macrochirus)	
LC50	3040	mg/l
Species	Gambusia affinis	
LC50	120	mg/l

Daphnia toxicity

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

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

Innocuous to aquatic organisms. Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

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

EWC waste code No not dispose with rubbish.
EWC waste code Should not be released into the sanitary sewer system.
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.

14.5. Environmental hazards

no

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.