

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier****Trade name/designation:**

ALBILEX-Natriumthiosulfat

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture:**

Industrial uses

1.3. Details of the supplier of the safety data sheet**Supplier (manufacturer/importer/only representative/downstream user/distributor):****ALBILEX GmbH & Co. KG**

Achtzehnmorgenweg 3

61250 Usingen

Telephone: +49-6081-10400**Telefax:** +49-6081-104040**E-mail:** info@albilex.de**Website:** www.albilex.de**1.4. Emergency telephone number**

Notfallauskunft: The Emergency telephone is available during Europaen time zone office time between 8 am and 5 pm on working days., +49-6081-10400 (Only available during office hours.)

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008 [CLP]:**

The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

Additional information:

Additional information: No risks worthy of mention. Please observe the information on the safety data sheet at all times.

2.2. Label elements**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

According to EC directives or the corresponding national regulations the product does not have to be labelled.

Hazard statements: -**Supplemental Hazard information (EU):** -**Precautionary statements:** -**2.3. Other hazards****Other adverse effects:**

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

SECTION 3: Composition / information on ingredients**3.1. Substances****Description:**crystalline, colourless, Na₂S₂O₃**SECTION 4: First aid measures****4.1. Description of first aid measures****General information:**

Move victim out of danger zone.

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Following inhalation:

Remove casualty to fresh air and keep warm and at rest.

In case of skin contact:

After contact with skin, wash immediately with plenty of water and soap.

After eye contact:

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

After ingestion:

Let water be drunken in little sips (dilution effect). Rinse mouth.

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

No known symptoms to date.

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

After ingestion Let water be drunken in little sips (dilution effect).

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media:**

Product is non inflammable

5.2. Special hazards arising from the substance or mixture

No risks worthy of mention.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

5.4. Additional information

Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****6.1.1. For non-emergency personnel****Personal precautions:**

Wear personal protection equipment. Avoid dust formation.

6.1.2. For emergency responders

No data available

6.2. Environmental precautions

No special environmental measures are necessary. Do not allow to enter into surface water or drains.

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

Take up dust-free and set down dust-free.

6.4. Reference to other sections

No data available

6.5. Additional information

No data available

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Protective measures****Advices on safe handling:**

No special measures are required.

Fire prevent measures:

No special fire protection measures are necessary.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels:**

Keep container tightly closed in a cool, well-ventilated place.

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Hints on storage assembly:

Materials to avoid Acid

7.3. Specific end use(s)**Recommendation:**

No data available

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

No data available

8.2. Exposure controls**8.2.1. Appropriate engineering controls**

No data available

8.2.2. Personal protection equipment**Eye/face protection:**

Tightly sealed safety glasses. oder Face protection shield

Skin protection:

Hand protection: In case of prolonged or frequently repeated skin contact: Wear protective gloves.

Respiratory protection:

With correct and proper use, and under normal conditions, breathing protection is not required. dust formation Use appropriate respiratory protection.: P1 (EN 143)

Other protection measures:

Protective clothing: lab coat Lab coat.

General health and safety measures: When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work.

8.2.3. Environmental exposure controls

No data available

8.3. Additional information

No data available

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties****Appearance****Physical state:** liquid**Colour:** yellow**Odour:** characteristic**Safety relevant basis data**

parameter		at °C	method	Remark
pH	6 - 8	20 °C		Gehalt an gelöster Substanz: 50 g/l
Melting point/freezing point	51 - 53 °C			
Freezing point	<i>not determined</i>			
Initial boiling point and boiling range	<i>not determined</i>			
Decomposition temperature (°C):	<i>not determined</i>			
Flash point	<i>not determined</i>			
Evaporation rate	<i>not determined</i>			
Ignition temperature in °C	<i>not determined</i>			
Upper/lower flammability or explosive limits	<i>not determined</i>			
Vapour pressure	22.9 - 23.1 hPa	20 °C		
Vapour density	<i>not determined</i>			
Density	1 g/cm ³	20 °C		
Bulk density	<i>not determined</i>			
Water solubility (g/L)	<i>not determined</i>			
Partition coefficient: n-octanol/water	<i>not determined</i>			
Dynamic viscosity	<i>not determined</i>			
Kinematic viscosity	<i>not determined</i>			

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9.2. Other information

No data available

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

Materials to avoid Acid Oxidising agent, strong

10.2. Chemical stability

No data available

10.3. Possibility of hazardous reactions

In case of fire may be liberated: Sulphur oxides

10.4. Conditions to avoid

To date, no known

10.5. Incompatible materials

Acid Oxidising agent, strong

10.6. Hazardous decomposition products

No decomposition on normal use In case of fire may be liberated: Sulphur oxides

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

CAS No.	Substance name	Toxicological information
7772-98-7	sodium thiosulphate	LD₅₀ oral: 5,200 mg/kg (Maus)

Skin corrosion/irritation:

No data available

Respiratory or skin sensitisation:

No data available

Additional information:

Other information: Toxicological data are not available.

SECTION 12: Ecological information**12.1. Toxicity****Terrestrial toxicity:**

LC50 (Gambusia affinis) 24000mg/l/96h

12.2. Persistence and degradability**Additional information:**

Further ecological information: No data available

12.3. Bioaccumulative potential**Accumulation / Evaluation:**

Additional information: No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

CAS No.	Substance name	Results of PBT and vPvB assessment
7772-98-7	sodium thiosulphate	—

No data available

12.6. Other adverse effects

Further ecological information: No data available

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Send to a hazardous waste incinerator facility under observation of official regulations.

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Waste treatment options**Appropriate disposal / Package:**

Wash with water and give to pastic recycling.

13.2. Additional information

No data available

SECTION 14: Transport information

No dangerous good in sense of these transport regulations.

14.1. UN-No.

not relevant

14.2. UN proper shipping name

not relevant

14.3. Transport hazard class(es)

not relevant

14.4. Packing group

not relevant

14.5. Environmental hazards

not relevant

14.6. Special precautions for user

not relevant

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not relevant

Additional information:

No dangerous good in sense of these transport regulations.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****15.1.1. EU legislation**

No data available

15.1.2. National regulations **[DE] National regulations****Water hazard class (WGK)****WGK:**

1 - schwach wassergefährdend

15.2. Chemical Safety Assessment

No data available

15.3. Additional information

No data available

SECTION 16: Other information**16.1. Indication of changes**

No data available

16.2. Abbreviations and acronyms

No data available

16.3. Key literature references and sources for data

No data available

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16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Classification according to Regulation (EC) No 1272/2008 [CLP]:

The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

No data available

16.6. Training advice

No data available

16.7. Additional information

The data presented here correspond to the present state of our knowledge and experience and are intended to describe our product with respect to possible safety demands. We imply with this however no guarantee of properties or description of qualities.