

SODIUM THIOSULPHATE 1M (1N) STANDARDIZED SOLUTION TRACEABLE TO NIST MSDS

CAS No: 7772-98-7 MSDS



LABOGEN'S

MATERIAL SAFETY DATA SHEET (MSDS)

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

1.1 Product identifier

Product form :Mixture
:
CAS No :7772-98-7
Product code :R470D

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

1.2.1. Relevant identified uses

Use of the substance/mixture :Laboratory chemicals, Manufacture of substances

1.2.2. Uses advised against

No additional information available

1.3 Details of the supplier of the safety data sheet

Labogens Fine Chem Industries
1st Floor , Above Bank of India, Guru Vihar , Rahon Road,
Ludhiana Pb. (141007)
+91 9316777775, +91 7707855700
sales@labogens.com - www.Labogens.com

1.4 Emergency telephone number

Emergency number :+91 7707855700 (9:00am - 6:00 pm)

SECTION 2: Hazards identification

Classification of the substance or mixture Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

Label elements

Labelling according to Directive 67/548/EEC or 1999/45/EC

No labelling applicable

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2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Water	(CAS No) 7732-18-5 (EC no) 231-791-2	75 - 99	Not classified	Not classified
Sodium thiosulphate	(CAS No) 7772-98-7 (EC no) 231-867-5	15 - 25	Not classified	Not classified

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	:Remove person to fresh air and keep comfortable for breathing. Give oxygen or artificial respiration if necessary. If you feel unwell, seek medical advice.
First-aid measures after skin contact	:Gently wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	:Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	:Rinse mouth out with water. If you feel unwell, seek medical advice.

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

No additional information available

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	:dry chemical powder, alcohol-resistant foam, carbon dioxide (CO ₂).
Unsuitable extinguishing media	:Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Protection during firefighting	:Do not attempt to take action without suitable protective equipment.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures :Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment :Use personal protective equipment as required.

Emergency procedures :Stop release.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up :Collect spillage. On land, sweep or shovel into suitable containers. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling :Do not get in eyes, on skin, or on clothing.

Hygiene measures :Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions :Store in original container. Keep container tightly closed. Store in a dry place.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Hand protection :protective gloves

Eye protection :Chemical goggles or safety glasses

Skin and body protection :Wear suitable protective clothing

Respiratory protection :Wear respiratory protection

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state :Liquid

Colour :Clear Colorless.

Odour :No data available

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Odour threshold	:No data available
pH	:No data available
Relative evaporation rate (butylacetate=1)	:No data available
Melting point	:No data available
Freezing point	:No data available
Boiling point	:No data available
Flash point	:No data available
Auto-ignition temperature	:No data available
Decomposition temperature	:No data available
Flammability (solid, gas)	:No data available
Vapour pressure	:No data available
Relative vapour density at 20 °C	:No data available
Relative density	:No data available
Solubility	:No data available
Log Pow	:No data available
Viscosity, kinematic	:No data available
Viscosity, dynamic	:No data available
Explosive properties	:No data available
Oxidising properties	:No data available
Explosive limits	:No data available

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Direct sunlight.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

No additional information available

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11.1. Information on toxicological effects

Acute toxicity :Not classified

Irritation :Not classified

Corrosivity :Not classified

Sensitisation :Not classified

Repeated dose toxicity :Not classified

Carcinogenicity :Not classified

Mutagenicity :Not classified

Toxicity for reproduction :Not classified

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

13.1. Waste treatment methods

No additional information available

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

UN-No. (ADR) :Not applicable

UN-No. (IMDG) :Not applicable

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UN-No.(IATA)	:Not applicable
UN-No.(ADN)	:Not applicable
UN-No. (RID)	:Not applicable

14.2. UN proper shipping name

Proper Shipping Name (ADR)	:Not applicable
Proper Shipping Name (IMDG)	:Not applicable
Proper Shipping Name (IATA)	:Not applicable
Proper Shipping Name (ADN)	:Not applicable
Proper Shipping Name (RID)	:Not applicable

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) :Not applicable

IMDG

Transport hazard class(es) (IMDG) :Not applicable

IATA

Transport hazard class(es) (IATA) :Not applicable

ADN

Transport hazard class(es) (ADN) :Not applicable

RID

Transport hazard class(es) (RID) :Not applicable

14.4. Packing group

Packing group (ADR)	:Not applicable
Packing group (IMDG)	:Not applicable
Packing group (IATA)	:Not applicable
Packing group (ADN)	:Not applicable
Packing group (RID)	:Not applicable

14.5. Environmental hazards

Dangerous for the environment	:No
Marine pollutant	:No
Other information	:No supplementary information available

14.6. Special precautions for user

- Overland transport

No data available

- Transport by sea

No data available

- Air transport

No data available

- Inland waterway transport

No data available

- Rail transport

No data available

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

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1.EU-Regulations

Contains no substances with Annex XVII restrictions
Contains no REACH candidate substance

Contains no REACH Annex XIV substances.

15.1.2.National regulations

Germany

AwSV/VwVwS Annex reference :Water hazard class (WGK) 1, slightly hazardous to water (Classification according to AwSV, Annex 1)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV :Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product