**OXFORD LAB FINE CHEM LLP**
ISO 9001-2008 Certified Company

**Regd Office:** Unit no 12, 1st Floor,
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Oxford
Range of
Laboratory Chemicals

# MATERIAL SAFETY DATA SHEET

# SODIUM THIOSULPHATE SOLUTION N/10

## MSDS CAS:

## Section 1: Chemical Product and Company Identification

**Section 1: Chemical Product**
**Product Name** : **SODIUM THIOSULPHATE SOLUTION N/10**
**CAS** : **Not available.**
**Chemical Name: SODIUM THIOSULPHATE SOLUTION N/10**
**Chemical Formula: Not available.**

**Brand : OXFORD**

**Details Of The Supplier Of The Safety Data Sheet :**

**Company identification:** **OXFORD LAB FINE CHEM LLP**
**Unit. No. 12, 1st Floor, Neminath Industrial Estate No. 6,**
**Navghar, Vasai (East). Palghar - 401 210.**
**Mumbai, Maharashtra, INDIA.**
**Tel: 91-250-2390989**
**Tel/Fax: 91-250-2390032**

## Section 2: Composition and Information on Ingredients

**Composition:**

| Name | CAS No | % by Weight |
|---|---|---|
| Water | 7732-18- 5 | 95 – 99% |
| SODIUM THIOSULFATE PURE (PENTAHYDRATE) | 10102- 17-7 | 1 – 5% |

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# Section 3: Hazards Identification

**Classification of the substance or mixture**
**Classification EC 67/548 or EC 1999/45**
**Classification : Not Classified.**
**Other hazards : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.**

# Section 4: First Aid Measures

**Description of first aid measures:**

**Inhalation: Assure fresh air breathing. Allow the victim to rest.**

**Skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.**

**Eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.**

**Ingestion : Obtain emergency medical attention. Rinse mouth. Do NOT induce vomiting**

**Most important symptoms and effects, both acute and delayed:**

**Symptoms relating to use: Not expected to present a significant hazard under anticipated conditions of normal use.**

**Indication of any immediate medical attention and special treatment needed:**

**General information: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).**

# Section 5: Fire and Explosion Data

**Extinguishing media:**

**Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.**

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## Section 5: Fire and Explosion Data (Continued)

**Unsuitable extinguishing media** : Do not use a heavy water stream.
**Surrounding fires** : Use water spray or fog for cooling exposed containers.

**Special hazards arising from the substance or mixture:**
**Hazardous combustion products** : Under fire conditions, hazardous fumes will be present.

**Advice for fire-fighters:**
**Protection against fire** : Do not enter fire area without proper protective equipment, including respiratory protection.
**Special procedures** : Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

## Section 6: Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:**
**For emergency responders** :Equip cleanup crew with proper protection.
:Ventilate area.

**For non-emergency personnel** :Evacuate unnecessary personnel.

**Environmental precautions**
**Environmental precautions** :Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

**Methods and material for containment and cleaning up:**
**Clean up methods** : On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

## Section 7: Handling and Storage

**Precautions for safe handling**

**Handling :** Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

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## Section 7: Handling and Storage (Continued)

**Technical protective measures : Provide good ventilation in process area to prevent formation of vapour.**

**Conditions for safe storage, including any incompatibilities:**

**Storage : Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.**

**Storage - away from : Strong bases. Strong acids. Sources of ignition. Direct sunlight.**

## Section 8: Exposure Controls/Personal Protection

**Exposure controls:**

**Personal protection: Avoid all unnecessary exposure.**

- **Respiratory protection: Wear approved mask.**
- **Hand protection: Wear protective gloves.**
- **Skin protection: Wear suitable protective clothing.**
- **Eye protection: Chemical goggles or safety glasses.**
- **Others: When using, do not eat, drink or smoke.**

**Control parameters:**

**Occupational Exposure Limits: No data available.**

## Section 9: Physical and Chemical Properties

| | |
|---|---|
| **Physical state** | **: Liquid** |
| **Appearance** | **: Clear.** |
| **Odor** | **: odorless.** |
| **Taste** | **: Not available.** |
| **Molecular Weight** | **: Not available.** |
| **Color** | **: Colorless.** |
| **pH (1% soln/water)** | **: Not available.** |
| **Boiling Point** | **: 100 °C** |
| **Melting Point** | **: Not available.** |
| **Freezing point** | **: 0 °C** |
| **Specific Gravity** | **: Not available.** |

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## Section 9: Physical and Chemical Properties (Continued )

| | |
|---|---|
| **Vapor Pressure** | **: Not applicable.** |
| **Vapor Density** | **: Not available.** |
| **Odor Threshold** | **: Not available.** |
| **Water/Oil Dist. Coeff.** | **: Not available.** |
| **Ionicity (in Water)** | **: Not available.** |
| **Dispersion Properties** | **: Not available.** |
| **Solubility** | **: Soluble in water.** |

## Section 10: Stability and Reactivity Data

**Stability:** **Stable under recommended storage conditions.**
**Instability Temperature:** **Not available.**

**Conditions to avoid:** **Direct sunlight. Extremely high or low temperatures.**

**Incompatibility with various substances:** **Not available.**

**Materials to avoid:** **Strong acids. Strong bases.**

**Hazardous decomposition products:** **Fumes. Carbon monoxide. Carbon dioxide.**

## Section 11: Toxicological Information

**Information on toxicological effects:**

**Toxicity information:** **The product has been not fully tested. The calculated risk has been done under the requirements of the EU regulations.**

**Acute toxicity:**

- **Inhalation: Based on available data, the classification criteria are not met.**
- **Dermal: Based on available data, the classification criteria are not met.**
- **Ingestion: Based on available data, the classification criteria are not met.**

**Corrosion: Based on available data, the classification criteria are not met.**
**Sensitization: Based on available data, the classification criteria are not met.**
**Mutagenicity: Based on available data, the classification criteria are not met.**
**Carcinogenicity: Based on available data, the classification criteria are not met.**
**Toxic for reproduction: Based on available data, the classification criteria are not met.**
**STOT-single exposure: Based on available data, the classification criteria are not met.**
**STOT-repeated exposure: Based on available data, the classification criteria are not met.**
**Aspiration hazard: Based on available data, the classification criteria are not met.**

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## Section 12: Ecological Information

**Toxicity information:** **The product has been not fully tested .The calculated risk has been done under the requirements of the EU regulations.**

**BOD5 and COD:** **Not available.**

**Persistence - degradability:** **Biodegradable.**

**Bioaccumulative potential:** **Not established.**

**Toxicity of the Products of Biodegradation:** **Not available.**

**Special Remarks on the Products of Biodegradation:** **Not available.**

**Results of PBT and vPvB assessment:** **The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.**

**Environmental precautions:** **Avoid release to the environment.**

## Section 13: Disposal Considerations

**Waste Disposal Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.**

## Section 14: Transport Information

**Land transport (ADR-RID)**

**General information :** **Not regulated.**

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## Section 14: Transport Information (Continued)

**Sea transport (IMDG) [English only]**

**General information :** Not regulated.

**Air transport (ICAO-IATA) [English only]**

**General information :** Not regulated.

## Section 15: Other Regulatory Information

**Safety, health and environmental regulations/legislation specific for the substance or mixture:**

**Safety, health and environmental regulations/legislation specific for the substance or mixture.** : Ensure all national/local regulations are observed.

**REACH Restrictions - Annex XVII** : The components of this product are not subject to restrictions.
**REACH Authorisation - Annex XIV** : The components of this product are not subject to authorization.

**Chemical Safety Assessment:**
**Chemical Safety Assessment** : It has not been carried out.

## Section 16 - Additional Information

**References**: Not available.

**Other Special Considerations**: Not available.

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