OXFORD LAB FINE CHEM LLP
ISO 9001-2008 Certified Company

Regd Office: Unit no 12, 1st Floor,
Neminath Industrial Estate No.6,
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Oxford
Range of
Laboratory Chemicals

MATERIAL SAFETY DATA SHEET

SODIUM HYDROXIDE 0.01 mol/L (0.01N) For 500 ml Solution

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product
Product Name: SODIUM HYDROXIDE 0.01 mol/L (0.01N) For 500 ml Solution
CAS#: Not available
Chemical Name: SODIUM HYDROXIDE 0.01 mol/L (0.01N) For 500 ml Solution
Chemical Formula: NaOH.

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

Substance / Preparation: Preparation.

Substance name	CAS No.	Contents
Sodium hydroxide	1310-73-2	> 0.01 < 1 %

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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.
Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)
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. Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor.

Skin contact: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Immediately call a POISON CENTER or doctor. Wash with plenty of soap and water. Remove/Take off immediately all contaminated clothing.

Eye contact: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes. Immediately call a POISON CENTER or doctor

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

Most important symptoms and effects, both acute and delayed:

Symptoms relating to use: Causes severe skin burns and eye damage

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).

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Section 5: Fire and Explosion Data

Extinguishing media:

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
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.
Thermal decomposition generates : Corrosive vapours

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 : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Store away from other materials. Collect spillage.

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Section 7: Handling and Storage

Precautions for safe handling

Handling : **Avoid contact during pregnancy or while nursing. Do not breathe dust, fume, gas, mist, vapours, spray. Wash thoroughly after handling.**

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 and appearance	**: Liquid**
Odor	**: Characteristic.**
Taste	**: Not available.**
Molecular Weight	**: Not available.**
Color	**: Colorless**
pH (1% soln/water)	**: 14**

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Section 9: Physical and Chemical Properties (Continued)

Boiling Point	**: 105 - 140 °C.**
Melting Point	**: - 12 - 10 °C.**
Critical Temperature	**: Not available.**
Specific Gravity	**: Not available.**
Vapor Pressure	**: < 24 hPa at 20 °C**
Vapor Density	**: Not available.**
Volatility	**: Not available.**
Odor Threshold	**: Not available.**
Water/Oil Dist. Coeff.	**: Not available.**
Ionicity (in Water)	**: Not available.**
Dispersion Properties	**: Not available.**
Solubility in Water	**: Completely miscible, soluble**

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.**

Special Remarks on Reactivity: **Not available.**

Special Remarks on Corrosivity: **Not available.**

Hazardous decomposition products: **Fumes. Carbon monoxide. Carbon dioxide.**
Thermal decomposition generates : Corrosive vapours.

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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: Causes severe skin burns and eye damage
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.

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.**

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Section 13: Disposal Considerations

Waste Disposal: **Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations. Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.**

Section 14: Transport Information

Land transport (ADR-RID)

General information : **Not regulated.**

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.**

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Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

Disclaimer:

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