

## MATERIAL SAFETY DATA SHEET

### **DIAZO REAGENT B** (For Bilirubin Determination)

**MSDS CAS:**

#### **Section 1: Chemical Product and Company Identification**

##### Section 1: Chemical Product

**Product Name: DIAZO REAGENT B****CAS#: Not Available.****Synonym: Not Available.****Chemical Name: Diazo Reagent B****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:

Substance name	Contents	Cas no.	EC No.	Annex No.	Reach Ref.	Classification
Sodium nitrite	> 0.01 < 1 %	7632-00-0	231-555-9	007-010-00-4	-----	O; R8 T; R25 N; R50 ----- Ox. Sol. 1 _ H271 Acute Tox. 3 (oral) _ H301 Aquatic Acute 1 _ H400

## Section 2: Composition and Information on Ingredients (Continued)

Water	> 99 %	7732-18-5	231-791-2	-----	-----	Not classified (DSD/DPD) ----- Not classified (GHS)
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## Section 3: Hazards Identification

### Classification of the substance or mixture

**Classification EC 67/548 or EC 1999/45:** Not classified.

**Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP):** Not classified.

### Label elements

**Labelling EC 67/548 or EC 1999/45:** Not classified

**Symbol(s):** Not Available.

**R Phrase(s):** Not Available.

**S Phrase(s):** Not Available.

**Contains:** Water - Sodium nitrite.

**Labelling Regulation EC 1272/2008 (CLP):** Not classified.

**Contains:** Water - Sodium nitrite.

### 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.

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info@oxfordlabchem.com  
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## Section 4: First Aid Measures (Continued)

### 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.

**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.

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## Section 6: Accidental Release Measures (Continued)

### 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.

**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.

**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

### Information on basic physical and chemical properties

<b>Physical state at 20 °C</b>	<b>: Solid.</b>
<b>Colour</b>	<b>: Colorless</b>
<b>Odour</b>	<b>: Characteristic.</b>
<b>Molecular Weight</b>	<b>: Not applicable.</b>
<b>Odour threshold</b>	<b>: No data available.</b>
<b>pH value</b>	<b>: Not applicable.</b>
<b>Melting point [°C]</b>	<b>: No data available.</b>
<b>Decomposition point [°C]</b>	<b>: Not applicable.</b>
<b>Critical temperature [°C]</b>	<b>: Not applicable.</b>
<b>Auto-ignition temperature [°C]</b>	<b>: Not applicable.</b>
<b>Flammability (solid, gas)</b>	<b>: Not applicable.</b>
<b>Flash point [°C]</b>	<b>: Not applicable.</b>
<b>Boiling point [°C]</b>	<b>: Not applicable.</b>
<b>Initial boiling point [°C]</b>	<b>: Not applicable.</b>
<b>Final boiling point [°C]</b>	<b>: Not applicable.</b>
<b>Evaporation rate</b>	<b>: Not applicable.</b>
<b>Vapour pressure [20°C]</b>	<b>: Not applicable.</b>
<b>Vapour pressure mm/Hg</b>	<b>: Not applicable.</b>
<b>Vapour density</b>	<b>: Not applicable.</b>
<b>Density [g/cm<sup>3</sup>]</b>	<b>: Not applicable.</b>
<b>Relative density, gas (air=1)</b>	<b>: Not applicable.</b>
<b>Relative density, liquid (water=1)</b>	<b>: Not applicable.</b>
<b>Solubility in water [% weight]</b>	<b>: Not applicable.</b>
<b>Solubility in water</b>	<b>: Not applicable.</b>
<b>Log Pow octanol / water at 20°C</b>	<b>: No data available.</b>
<b>Solubility</b>	<b>: Not applicable.</b>
<b>Viscosity at 40°C [mm<sup>2</sup>/s]</b>	<b>: Not applicable.</b>

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**Oxford**  
Range of  
Laboratory Chemicals

## Section 10: Stability and Reactivity Data

**Reactivity:** Not established.

**Chemical stability:** Stable under recommended storage conditions.

**Hazardous reactions:** Not established.

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

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

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

## Section 11: Toxicological Information

### Information on toxicological effects

#### 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.

**Irritation:** 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.

Persistence - degradability: Biodegradable.

Bioaccumulative potential: Not established.

Mobility in soil: Not established.

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 treatment methods

**General:** 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.

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

**General information:** Not regulated.

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

**General information:** Not regulated.

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## 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:** It has not been carried out.

## Section 16 - Additional Information

**References:** Not available.

**Other Special Considerations:** Not available.

### *Disclaimer:*

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