

Regd Office: Unit no 12, 1st Floor,  
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## **MATERIAL SAFETY DATA SHEET**

### **NITROSO-R-SALT 90% AR** **MSDS CAS: 525-05-3**

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

##### **Section 1: Chemical Product**

**Product Name:** NITROSO-R-SALT 90% AR

**CAS#:** 525-05-3

**Synonym:** 3-Hydroxy-4-nitroso-2,7-naphthalenedisulfonic acid disodium salt, 1-Nitroso-2-naphthol-3, 6-disulfonic acid disodium salt

**Chemical Name:** Nitroso-R-Salt AR

**Chemical Formula:** C<sub>10</sub>H<sub>5</sub>NNa<sub>2</sub>O<sub>8</sub>S<sub>2</sub>

**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 #	% by Weight
Nitroso-R-Salt AR	525-05-3	100

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## Section 3: Hazards Identification

**Risk advice to man and the environment:** Harmful by inhalation, in contact with skin and if swallowed.

## Section 4: First Aid Measures

**General advice:** Consult a physician. Show this safety data sheet to the doctor in attendance.

**If inhaled:**

If breathed in, move person into fresh air. If not breathing give artificial respiration Consult a physician.

**In case of skin contact:** Wash off with soap and plenty of water. Consult a physician.

**In case of eye contact:**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**If swallowed:**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

## Section 5: Fire and Explosion Data

**Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special protective equipment for fire-fighters:**

Wear self contained breathing apparatus for fire fighting if necessary.

## Section 6: Accidental Release Measures

**Personal precautions:**

Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation.

**Environmental precautions:** Do not let product enter drains.

**Methods for cleaning up:**

Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

## Section 7: Handling and Storage

### Handling:

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

### Storage:

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

## Section 8: Exposure Controls/Personal Protection

### Personal protective equipment

#### Respiratory protection:

Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

#### Hand protection:

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Handle with gloves.

#### Eye protection: Safety glasses.

#### Skin and body protection

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

#### Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

## Section 9: Physical and Chemical Properties

Appearance Form	: Powder
pH	: No data available
Molecular Weight	: 377.26 g/mole
Melting point	: 150 - 155 °C
Boiling point	: No data available

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

Flash point	: No data available
Ignition temperature	: No data available
Lower explosion limit	: No data available
Upper explosion limit	: No data available
Water solubility	: No data available

## Section 10: Stability and Reactivity Data

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

**Hazardous decomposition products:**

Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NO<sub>x</sub>), Sulphur oxides, Sodium oxides

## Section 11: Toxicological Information

**Acute toxicity:** No data available

**Irritation and corrosion:** No data available

**Sensitisation:** No data available

**Chronic exposure:**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Signs and Symptoms of Exposure:** To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**Potential Health Effects**

**Inhalation** May be harmful if inhaled. Causes respiratory tract irritation.

**Skin** May be harmful if absorbed through skin. Causes skin irritation.

**Eyes** Causes eye irritation.

**Ingestion** May be harmful if swallowed.

## Section 12: Ecological Information

**Elimination information (persistence and degradability):** No data available

**Ecotoxicity effects:** No data available

**Further information on ecology:** No data available

## Section 13: Disposal Considerations

### **Product**

Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

**Contaminated packaging:** Dispose of as unused product.

## 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

### **Labelling according to EC Directives**

**Hazard symbols:** Xn Harmful

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## Section 15: Other Regulatory Information (Continued)

**R-phrase(s):**

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

**S-phrase(s):**

S22 Do not breathe dust.

S24/25 Avoid contact with skin and eyes.

## Section 16 - Additional Information

**References:** Not available.

**Other Special Considerations:** Not available.

### *Disclaimer:*

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