

# OXFORD LAB FINE CHEM LLP

ISO 9001-2008 Certified Company

Regd Office: Unit no 12, 1st Floor,  
Neminath Industrial Estate No.6,  
Navghar, Vasai (East), Palghar - 410210.  
Maharashtra, INDIA.

Tel: +91 250 2390032 / 2390989 / 2390990  
Email: sales@oxfordlabchem.com /  
info@oxfordlabchem.com  
Web: www.oxfordlabchem.com



## **MATERIAL SAFETY DATA SHEET**

### **FERROZINE MONOSODIUM SALT AR** **MSDS CAS: 69898-45-9**

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

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

**Product Name:** Ferrozine monosodium salt AR

**CAS#:** 69898-45-9

**Chemical Name:** Ferrozine monosodium salt AR

**Chemical Formula:**

**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:**

**Chemical Name:** Ferrozine monosodium salt AR

**CAS No.**                      : 69898-45-9

**Toxicological Data on Ingredients:** Not available.

## Section 3: Hazards Identification

### Classification of the substance or mixture

The product is not classified as hazardous within the meaning of Regulation (EU) No 1272/2008.

**Other hazards:** In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment.

## Section 4: First Aid Measures

**Eye Contact:** If wearing contact lenses, remove them. Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance.

**Skin Contact:** Remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. NEVER use solvents or thinners.

**Serious Skin Contact:** Not available.

**Inhalation:** Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration. Do not administer anything orally. If unconscious, place them in a suitable position and seek medical assistance.

**Serious Inhalation:** Not available.

**Ingestion:** If accidentally ingested, seek immediate medical attention. Keep calm. NEVER induce vomiting.

**Serious Ingestion:** Not available.

## Section 5: Fire and Explosion Data

### Extinguishing media

**Suitable extinguishing media:** Extinguisher powder or CO2. In case of more serious fires, also alcohol-resistant foam and water spray. Do not use a direct stream of water to extinguish.

**Special hazards arising from the substance or mixture:** Fire can cause thick, black smoke. As a result of thermal decomposition, dangerous products can form: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products can be harmful to your health.

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

**Advice for firefighters:** Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways.

**Fire protection equipment:** According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and gloves.

## Section 6: Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:** Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

**Environmental precautions:** Product not classified as hazardous for the environment, avoid spillage as much as possible.

**Methods and materials for containment and cleaning up:** The contaminated area should be immediately cleaned with an appropriate de-contaminator. Pour the decontaminator on the remains in an opened container and let it act various days until no further reaction is produced.

## Section 7: Handling and Storage

**Precautions for safe handling:** The product does not require special handling measures, the following general measures are recommended: For personal protection, see section 8. Never use pressure to empty the containers. They are not pressure-resistant containers. In the application area, smoking, eating, and drinking must be prohibited. Follow legislation on occupational health and safety. Keep the product in containers made of a material identical to the original.

**Conditions for safe storage, including any incompatibilities:** The product does not require special storage measures. As general storage measures, sources of heat, radiation, electricity and contact with food should be avoided. Keep away from oxidising agents and from highly acidic or alkaline materials. Store according to local legislation. Observe indications on the label. The product is not affected by Directive 2012/18/EU(SEVESO III).

## Section 8: Exposure Controls/Personal Protection

### Control parameters:

**Exposure controls:** The product does NOT contain substances with Professional Exposure Environmental Limit Values. The product does NOT contain substances with Biological Limit Values.

**Personal protective equipment:** Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

**Skin protection:** Use protective clothing. In order to guarantee uniform protection, follow the washing and maintenance instructions provided by the manufacturer.

**Hand Protection:** Protective gloves should be used. Do not make any changes to the gloves that may alter their resistance, or apply paints, solvents or adhesives.

**Eye protection:** Use face shield.

## Section 9: Physical and Chemical Properties

Physical state and appearance	: Solid.
Odor	: Not available.
Taste	: Not available.
Molecular Weight	: Not available.
Color	: Not available.
pH (1% soln/water)	: Not available.
Boiling Point	: Not available.
Melting Point	: $\geq 300^{\circ}\text{C}$ .
Critical Temperature	: Not available.
Specific Gravity	: Not available.
Vapor Pressure	: Not available.
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	: Not available.

## Section 10: Stability and Reactivity Data

<b>Stability</b>	: Stable under recommended storage conditions.
<b>Instability Temperature</b>	: Not available.
<b>Conditions of Instability</b>	: Not available.
<b>Incompatible materials</b>	: Keep away from oxidising agents and from highly alkaline
<b>or acidic materials in order to prevent exothermic reactions.</b>	
<b>Corrosivity</b>	: Not available.
<b>Special Remarks on Reactivity</b>	: Not available.
<b>Special Remarks on Corrosivity</b>	: Not available.
<b>Possibility of hazardous reactions</b>	: The product does not present possibility of hazardous
<b>reactions.</b>	
<b>Polymerization</b>	: Will not occur.

## Section 11: Toxicological Information

**Information on toxicological effects:**

**Acute toxicity:** No data available.

**Skin corrosion/irritation:** No data available.

**Serious eye damage/eye irritation:** No data available.

**Respiratory or skin sensitization:** No data available.

**Carcinogenicity IARC:** No data available.

## Section 12: Ecological Information

**Toxicity to fish:** No data available.

**Persistence and degradability:** No data available

**Bioaccumulative potential:** No data available

**Mobility in soil:** No data available.

**Results of PBT and vPvB assessment:** No data available.

**Other adverse effects:** No data available.

## Section 13: Disposal Considerations

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation. Follow the provisions of Directive 2008/98/EC regarding waste management.

## 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:**

The product is not affected by the Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

The product is not affected by Directive 2012/18/EU (SEVESO III).

The product is not affected by Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.

The product is not affected by the procedure established Regulation (EU) No 649/2012, concerning the export and import of dangerous chemicals.

**Chemical safety assessment:**

There has been no evaluation a chemical safety assessment of the product.

# OXFORD LAB FINE CHEM LLP

ISO 9001-2008 Certified Company

**Regd Office:** Unit no 12, 1st Floor,  
Neminath Industrial Estate No.6,  
Navghar, Vasai (East), Palghar - 410210.  
Maharashtra, INDIA.

**Tel:** +91 250 2390032 / 2390989 / 2390990  
**Email:** sales@oxfordlabchem.com /  
info@oxfordlabchem.com  
**Web:** www.oxfordlabchem.com



## Section 16 - Additional Information

**References:** Not available.

**Other Special Considerations:** Not available.

### ***Disclaimer:***

\*\*\*\*\*

The information contained herein in good faith but makes no representations as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

Oxford Lab Fine Chem LLP makes no representations or warranties, either express or implied, including without limitation any warranties of merchantability, fitness for a particular purpose with respect to the information set forth herein or the product to which the information refers. Accordingly, Oxford Lab Fine Chem LLP will not be responsible for damages resulting from use of or reliance upon this information.