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## MATERIAL SAFETY DATA SHEET

### AMBERLITE IRA-400 (CI Form)

(20-50 Mesh) (Strong Base) MSDS CAS: 9002-24-8

# Section 1: Chemical Product and Company Identification

**Section 1: Chemical Product** 

Product Name: Amberlite® IRA-400 Chloride form

CAS#: 9002-24-8

**Synonym:** 

**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**

### **Composition:**

#### **Substances**

CAS-No. : 60177-39-1

No components need to be disclosed according to the applicable regulations.

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## **Section 3: Hazards Identification**

Classification of the substance or mixture Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. Label elements Other hazards - none

### **Section 4: First Aid Measures**

#### **Description of first aid measures**

If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact: Wash off with soap and plenty of water.

In case of eye contact: Flush eyes with water as a precaution.

If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water.

Most important symptoms and effects, both acute and delayed: The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

Indication of any immediate medical attention and special treatment needed no data available

## **Section 5: Fire and Explosion Data**

### **Extinguishing media**

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture Nature of decomposition products not known.

Advice for firefighters: Wear self-contained breathing apparatus for firefighting if necessary.

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## **Section 6: Accidental Release Measures**

#### Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing vapours, mist or gas. For personal protection see section 8.

#### **Environmental precautions**

Do not let product enter drains.

#### Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

### **Section 7: Handling and Storage**

#### **Precautions for safe handling**

Provide appropriate exhaust ventilation at places where dust is formed.

#### Conditions for safe storage, including any incompatibilities

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

## **Section 8: Exposure Controls/Personal Protection**

#### **Control parameters**

Components with workplace control parameters

**Exposure controls** 

#### **Appropriate engineering controls**

General industrial hygiene practice.

#### Personal protective equipment

#### **Eve/face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

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## **Section 8: Exposure Controls/Personal Protection (Continued)**

#### **Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

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

### **Body Protection**

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

#### Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

#### Control of environmental exposure

Do not let product enter drains.

# **Section 9: Physical and Chemical Properties**

Physical state and appearance: Beads, granules
Odor : Not available.

Taste : Not available.
Molecular Weight : Not available.

Color : tan, yellow-orange

pH (1% soln/water) : Not available.
Boiling Point : Not available.
Melting Point : Not available.
Critical Temperature : Not available.
Specific Gravity : Not available.

**Auto-ignition Temperature** : 427 °C

Vapor Pressure : Not applicable.
Relative density : Not applicable.
Volatility : Not available.

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

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**

Reactivity: no data available

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: no data available

Conditions to avoid: no data available

**Incompatible materials: Strong oxidizing agents** 

Hazardous decomposition products: Other decomposition products - no data available

### **Section 11: Toxicological Information**

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

Germ cell mutagenicityno: data available

### **Carcinogenicity**

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.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

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# **Section 11: Toxicological Information (Continued)**

### **Additional Information**

**RTECS:** Not available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

### **Section 12: Ecological Information**

Toxicity: 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: PBT/vPvB assessment not available as chemical safety assessment

not required/not conducted.

Other adverse effects: no data available

### **Section 13: Disposal Considerations**

#### Waste treatment methods

**Product** 

Offer surplus and non-recyclable solutions to a licensed disposal company.

#### **Contaminated packaging**

Dispose of as unused product.

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## **Section 14: Transport Information**

**Land transport (ADR-RID)** 

**General Information: Regulated** 

Sea transport (IMDG) [English only]

**General Information: Regulated** 

Air transport (ICAO-IATA) [English only]

**General Information: Regulated** 

# **Section 15: Other Regulatory Information**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006. Safety, health and environmental regulations/legislation specific for the substance or mixture no data available

**Chemical Safety Assessment**For this product a chemical safety assessment was not carried out

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## **Section 16 - Additional Information**

References: Not available.

Other Special Considerations: Not available.

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