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Oxford
Range of
Laboratory Chemicals

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,
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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.

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.**

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

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

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.**

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

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.

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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.

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

Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

Disclaimer:

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