



Material Safety Data Sheet

Section 1: Chemical Product and Company Identification

Product Identity:

MUREXIDE INDICATOR IN SODIUM CHLORIDE

Supplier's Name: Manufacturer's Name:

S D FINE-CHEM LIMITED

Address:

315-317 T.V.IND. ESTATE, 248, WORLI ROAD, MUMBAI-400 030, INDIA

Emergency Contact:

phone: 91-22 2495 98 98 / 99 FAX: 91-22 2493 7232 Email: technical@sdfine.com

Section 2. Composition/Information on Ingredients

Component	CAS Registry #	Concentration	ACGIH TLV	OSHA PEL
Murexide (Ammonium Purpurate)	3051-09-0	0.1 - 0.3	Not Available	Not Available
			Not Available	Not Available
Sodium Chloride	7647-14-5	99.7 99.9	Not Available	Not Available
			Not Available	Not Available

Section 3: Hazard Identification

Emergency Overview: May cause irritation to the eyes and skin. Wash areas of contact with water. Call a physician if irritation develops. Does not present any significant health hazards. May be harmful if swallowed or inhaled. Major component is Sodium Chloride, common table salt.

Target Organs: eyes, skin, respiratory system.

Eye Contact: May cause irritation, redness, pain, and tearing.

Inhalation: May cause irritation.

Skin Contact: May irritate damaged skin, absorption can occur with effects similar to those via ingestion.

Ingestion: Very large doses can cause vomiting, diarrhea and prostration. Dehydration and congestion occur in most internal organs.

Chronic Effects/Carcinogenicity: None

IARC - No.

NTP - No.

OSHA - No.

Reproductive Information: Reproductive effects cited in 'Registry of Toxic Effects of Chemical Substances' for Sodium Chloride. Reproductive effects cited in 'Registry of Toxic Effects of Chemical Substances' for Sodium Chloride.

Teratology (Birth Defect) Information: Mutation data cited in 'Registry of Toxic Effects of Chemical Substances' for Sodium Chloride. Mutation data cited in 'Registry of Toxic Effects of Chemical Substances' for Sodium Chloride.

Section 4: First Aid Measures - In all cases, seek qualified evaluation.

Eye Contact: Irrigate immediately with large quantity of water for at least 15 minutes. Call a physician if irritation develops.

Inhalation: Remove to fresh air. Give artificial respiration if necessary. If breathing is difficult, give oxygen.

Skin Contact: Wash areas of contact with soap and water for at least 15 minutes. Call a physician if irritation develops.

Ingestion: Dilute with water or milk. Do not induce vomiting. Call a physician if necessary.

Section 5: Fire Fighting Measures

Flash Point: Not Available.

Method Used: Not Available.

LFL: Not Available.

UFL: Not Available.

Extinguishing Media: Use any means suitable for extinguishing surrounding fire.

Fire & Explosion Hazards: Not considered to be a fire or explosion hazard.

Fire Fighting Instructions: Use normal procedures/instructions.

Fire Fighting Equipment: Use protective clothing and breathing equipment appropriate for the surrounding fire.

Section 6: Accidental Release Measures

Small amounts may be flushed to the drain with excess water.

Section 7. Handling and Storage

As with all chemicals, wash hands thoroughly after handling. Avoid contact with eyes and skin. Protect from physical damage. Keep in tightly closed containers in a cool, dry area.

Safety Storage Code: General

Section 8: Exposure Control/Personal Protection

Engineering Controls: No specific controls are needed. Normal room ventilation is adequate.

Respiratory Protection: Normal room ventilation is adequate.

Skin Protection: Chemical resistant gloves.

Eye Protection: Safety glasses or goggles.

Section 9: Physical and Chemical Properties

Appearance: Rose-pink colored powder

pH: Not Available.

Odor: Odorless

Boiling Point(°C): Not Available.

Solubility in Water: approximately 36 grams / 100 mL

Melting Point(°C): Not Available.

Specific Gravity: Approximately 2

Vapor Pressure: Not Applicable.

Section 10: Stability and Reactivity

Chemical Stability: Stable under normal conditions of use and storage.

Incompatibility: Strong oxidizing agents, Lithium, Bromine Trifluoride.

Hazardous Decomposition Products: Oxides of Sodium and fumes of Chlorine may be released when heated to decomposition. May produce oxides of Carbon and Nitrogen.

Hazardous Polymerization: Will not occur.

Section 11. Toxicological Information

LD50, Oral, Rat: (Sodium Chloride) 3000 mg/kg, LD50, Dermal, Rabbit: (Sodium Chloride) >10 gm/kg, details of toxic effects not reported other than lethal dose value.

Section 12. Ecological Information

Ecotoxicological Information: No information found

Chemical Fate Information: No information found

Section 13. Disposal Considerations

Small amounts may be flushed to the sewer. Always dispose of in accordance with local, state and federal regulations.

Section 14. Transport Information

Part Numbers:

This product is not regulated.

Section 15. Regulatory Information (Not meant to be all inclusive - selected regulation represented)

OSHA Status:These items meet the OSHA Hazard Communication Standard (29 CFR 1910.1200) definition of a hazardous material.

TSCA Status:All components of this solution are listed on the TSCA Inventory or are mixtures (hydrates) of items listed on the TSCA Inventory.

Sara Title III:

Section 302 Extremely Hazardous Substances:Not Applicable.

Section 311/312 Hazardous Catagories:No

Section 313 Toxic Chemicals:Not Applicable.

California: None Reported.

Pennsylvania: None Reported.

RCRA Status: Not Applicable.

CERCLA Reportable Quantity: None Reported.

WHMIS: Not Applicable.

Section 16. Other Information

NFPA Ratings:

Health: 1 Flammability: 0 Reactivity: 0 Special Notice Key:None

HMIS Ratings:

Health: 1 Flammability: 0 Reactivity: 0 Protective Equipment:B (Protective Eyewear, Gloves)

The above information is believed to be accurate and represent the best information currently available to us, but does not represent any warranty expressed or implied of the properties of the product. User should make their own investigation to determine the suitability of the information for their particular purpose.
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