



Section 1 - Chemical Product and Company Identification

Product Name Isopropylamine (MIPA) extrapure, 99%
Product Code 35858
CAS No 75-31-0
Use for Laboratory Chemicals.
Company Name Sisco Research Laboratories Pvt. Ltd.
Address 608, B Wing, Satellite Gazebo, Andheri Ghatkopar Link Road,
Andheri (E), Mumbai - 400 099, India

Section 2 - Composition/Information on Ingredients

CAS#	Chemical Name:	%	EINECS#
75-31-0	Isopropylamine	90%	200-860-9

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Irritating to skin.

Potential Health Effects

Eye: May cause eye irritation.

Skin: Causes skin irritation.

Ingestion: May cause irritation of the digestive tract. The toxicological properties of this substance have not been fully investigated.

Inhalation: May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.

Chronic:

Section 4 - First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

Skin: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion: If victim is conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid immediately.

Inhalation: Get medical aid immediately. Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Notes to Physician:

Section 5 - Fire Fighting Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media: Use agent most appropriate to extinguish fire.

Section 6 - Accidental Release Measures



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Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. For personal protection see section 8.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Section 7 - Handling and Storage

Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.

Storage: Room temperature. Store in a cool, dry place. Keep container closed when not in use.

Section 8 - Exposure Control / Personal Protection

Engineering Controls:

Appropriate engineering controls:

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Personal Protective Equipment

Eyes: Wear chemical splash goggles.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to minimize contact with skin.

Respirators: Where risk assessment shows air-purifying respirators are appropriate use (US) or type AXBEK (EN 14387) respirator cartridges as a backup to engine protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU)

Section 9 - Physical and Chemical Properties

Physical State: Liquid

Odour: amine-like

Vapour density: 2.04 - (Air = 1.0)

Relative density: 0.688 g/cm³ at 20 °C

Molecular Formula: C₃H₉N

Molecular Weight: 59.11 g/mol

Pour point: <-90°C at 1.013 hPa - ISO 3016

Boiling point 33 - 34°C-lit.

Flash point <= -25°C-closed cup

Melting point

Section 10 - Stability and Reactivity



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Chemical Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: Strong oxidants.

Incompatibilities with

Other Materials : Strong oxidizing agents

Hazardous Decomposition

Products : Hazardous decomposition products formed under fire conditions. - Carbon oxides, Nitrogen oxides (NOx) Other decomposition products - No data available In the event of fire: see section 5.

Section 11 - Toxicological Information

Acute toxicity: LD50 Oral - Rat - 170 mg/kg(2-Aminopropane) LC50 Inhalation - Rat - 4 h - 8.7 mg/l(2-Aminopropane) (OECD Test Guideline 403) LD50 Dermal - Rat - > 400 mg/kg(2-Aminopropane)

Skin corrosion/irritation Skin - Rabbit(2-Aminopropane) Result: Causes severe burns. - 3 min (OECD Test Guideline 404)

Serious eye damage/eye irritation Eyes - Rabbit(2-Aminopropane) Result: Corrosive - 24 h (OECD Test Guideline 405)

Additional Information RTECS: NT8400000 Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin., Cough, Shortness of breath, Headache, Nausea(2-Aminopropane)

Section 12 - Ecological Information

Toxicity

Toxicity to fish LC50 - Salmo salar (Atlantic salmon) - 40 mg/l - 96 h(2-Aminopropane)

Toxicity to daphnia and other aquatic invertebrates

EC50 - Daphnia magna (Water flea) - 47.4 mg/l - 48 h(2-Aminopropane)

Toxicity to algae static test EC50 - Desmodesmus subspicatus (**Scenedesmus subspicatus**) - 18.9 mg/l - 72 h(2-Aminopropane)

Toxicity to bacteria Respiration inhibition EC50 - activated sludge - > 1,000 mg/l - 30 min(2-Aminopropane) (OECD Test Guideline 209).

Section 13 - Disposal Considerations

Waste treatment methods Product Burn in a chemical incinerator equipped with an afterburner and scrubber b highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging Dispose of as unused products.

Section 14 - Transport Information

	IATA	IMO	RID/ADR
Shipping Name:	ISOPROPYLAMINE	ISOPROPYLAMINE	ISOPROPYLAMINE
Hazard Class:	3 (8)	3 (8)	3 (8)
UN Number:	1221	1221	1221
Packing Group:	I	I	I

Section 15 - Regulatory Information

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

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



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Section 16 - Other Information

Sisco Research Laboratories Pvt. Ltd. provides the information contained herein in good faith but makes no representation 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.