



W.E. HIGHWAY, NEXT TO DODHIA
PETROL PUMP, KASHI MIRA, POST MIRA,
DIST. THANE - 401 104. MAHARASHTRA, INDIA

JAYCO CHEMICAL INDUSTRIES

MANUFACTURERS OF BASIC DRUGS & FINE CHEMICALS

TEL : 0091-22-2845 5655 / 2845 8765 / 6595 9749

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E-mail : jayco@bom8.vsnl.net.in

Web : www.jaycochemicals.com

MATERIAL SAFETY DATA SHEET

MSDS According to 91/155/EEC

1 - PRODUCT AND COMPANY INFORMATION

Product Name : ISOXSUPRINE HYDROCHLORIDE

Company **Jayco Chemical Industries.**

Western Express highway, Kashimira, post - Mira. Thane - 401104 MS India,
Ph.No. 022-28455655,28458765,55703657, Fax No. 022 - 56903656,28458739

2 - COMPOSITION AND INFORMATION ON COMPONENTS

Product Name CAS # EC no Annex I

ISOXSUPRINE HYDROCHLORIDE : 579-56-6 209-443-6 None, Formula $C_{18}H_{23}NO_3 \cdot ClH$ <
Molecular Weight 337.8, Synonyms Benzenemethanol, 4-hydroxy-alpha-(1-((1-methyl-2-phenoxyethyl)amino)ethyl)-, hydrochloride * Dilavase * Duvadilan*1-(p-Hydroxyphenyl)-2-(1'-methyl-2'-phenoxy)ethyl aminopropanol-1 hydrochloride * Isolait * Isoxsuprine hydrochloride * Isoxsuprin hydrochloride * 2-(3-Phenoxy-2-propylamino)-1-(p-hydroxyphenyl)-1-propanol hydrochloride * Suprilent * Vasodilan* Vasoplex * Vasotran

3 - HAZARDS IDENTIFICATION

SPECIAL INDICATION OF HAZARDS TO HUMANS AND THE ENVIRONMENT

Harmful if swallowed.

4 - FIRST AID MEASURES

AFTER INHALATION: If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

AFTER INGESTION :If swallowed, wash out mouth with water provided person is conscious. Call a physician.

5 - FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

SPECIAL RISKS : Specific Hazard(s): Emits toxic fumes under fire conditions.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

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6 - ACCIDENTAL RELEASE MEASURES

PROCEDURE(S) OF PERSONAL PRECAUTION(S)

Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.

METHODS FOR CLEANING UP

Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

7 - HANDLING AND STORAGE

HANDLING

Directions for Safe Handling: Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

STORAGE

Conditions of Storage: Keep tightly closed. Store in a cool dry place.

8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS

Safety shower and eye bath. Mechanical exhaust required.

GENERAL HYGIENE MEASURES

Wash thoroughly after handling.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: Government approved respirator.

Hand Protection: Compatible chemical-resistant gloves.

Eye Protection: Chemical safety goggles.

9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance Physical State: White crystalline solid

pH : 4.5 - 6.0 : MP/MP Range : @ 200 °C

Solubility : Slightly soluble in ethanol, water. insoluble in liquid paraffin & glycerol.

Flash Point N/A : Flammability N/A

Autoignition Temp N/A: Oxidizing Properties N/A

Explosive Properties N/A, : Explosion Limits N/A

Vapor Pressure N/A , Viscosity N/A , Vapor Density N/A , Decomposition Temp. : above 200.

10 - STABILITY AND REACTIVITY

STABILITY : Stable: Stable.

HAZARDOUS DECOMPOSITION PRODUCTS

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide, Nitrogen oxides, Hydrogen chloride gas.

HAZARDOUS POLYMERIZATION

Hazardous Polymerization: Will not occur

11 - TOXICOLOGICAL INFORMATION

RTECS NUMBER: DO8225000

ACUTE TOXICITY : LD50 Oral Rat 1750 mg/kg 1750 mg/kg





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Intraperitoneal Rat 164 MG/KG

Remarks: Behavioral: Excitement. Lungs, Thorax, or Respiration: Respiratory depression.

Gastrointestinal: Changes in structure or function of salivary glands.

SIGNS AND SYMPTOMS OF EXPOSURE

Exposure can cause: vasodilation, hypotension, tachycardia, nausea, vomiting, dizziness, abdominal distress, and severe rash. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

ROUTE OF EXPOSURE

Skin Contact: May cause skin irritation.

Skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: May cause eye irritation.

Inhalation: Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.

Ingestion: Harmful if swallowed.

TARGET ORGAN INFORMATION

Smooth muscle. Cardiovascular system.

12 - ECOLOGICAL INFORMATION

No data available.

13 - DISPOSAL CONSIDERATIONS

SUBSTANCE DISPOSAL

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

14 - TRANSPORT INFORMATION

RID/ADR Non-hazardous for road transport.

IMDG Non-hazardous for sea transport.

IATA Non-hazardous for air transport.

15 - REGULATORY INFORMATION

CLASSIFICATION AND LABELING ACCORDING TO EU DIRECTIVES

INDICATION OF DANGER: X_n

Harmful.

R-PHRASES: 22

Harmful if swallowed.

S-PHRASES: 36

Wear suitable protective clothing.

16 - OTHER INFORMATION

It must be recognised that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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