



RXSOL

VARANASI CHEMICAL | RX MARINE INTERNATIONAL

RXSOL-19-1260-025

Capro Lactam

Material Safety Data Sheet (MSDS)

1. Product and Company Identification

www.rxmarine.com

Product Name	RXSOL-10-1731
Product Type	Solvent Cleaner (Low odour)

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Phone	+91 22 65113333 / 5555 / 9999 / 27611360
Fax	+91 22 2781 1318 ::::AOH :0091 9821214367
Email	123@rxmarine.com

2. Composition / Information on ingredients

www.rxmarine.com

COMPON E N T S - C H E M I C A L N A M E S A N D C O M M O N N A M E S (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	SARA III LIST	Applicable PEL-OSHA	Exposure Limits TLVACGIH	Carcinogen Ref. Source **
Petroleum Distillates	64742-47-8	No	5.0 mg/m3	5.0 mg/m3	d
Monocyclic terpene	5989-27-5	No			

3. Hazards Identification

www.rxmarine.com

PRIMARY ROUTES OF ENTRY:	[X] INHALATION [] INGESTION [] SKIN ABSORPTION [] EYE [] NOT HAZARDOUS
ACUTE EFFECTS	Toxicity: CNS depression producing headache, dizziness, nausea and loss of consciousness.
Inhalation:	High concentrations or prolonged exposure to lower concentrations may be slightly irritating to mucous mem branes
Eye Contact:	Slight irritation from short term contact. Prolonged & repeated contact more irritating.

Skin Contact:	Prolonged & repeated liquid contact may result in irritation and dermatitis.
Ingestion:	May result in vomiting. Aspiration of vomitus into lungs must be avoided as lung contact can result in chemical pneumonitis and pulmonary edema.
CHRONIC EFFECTS:	None known.
Medical Conditions Generally Aggravated by Exposure:	Pre-existing irritation of skin or mucous membranes.

4. First Aid Measures

www.rxmarine.com

Eye Contact:	Flush with water for 15 minutes. If irritation persists, get medical attention.
Skin Contact:	Wash with soap and water. If irritation persists, get medical attention.
Inhalation:	Remove to fresh air. Provide oxygen if breathing is difficult. Get medical attention.
Ingestion:	DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water. Get immediate medical attention.

5. Fire-fighting Measures

www.rxmarine.com

FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols)	N/A
Auto Ignition Temperature	N/D
Flammability Limits in Air by % in Volume:	
% LEL:	1
% UEL:	6
FLASH POINT AND METHOD USED (non-aerosols):	142°F TCC
SPECIAL FIRE FIGHTING PROCEDURES:	Do not enter confined fire space without proper protective equipment including NIOSH approved self-contained breathing apparatus. Cool fire exposed containers, surrounding equipment & structures with water.
EXTINGUISHER MEDIA:	Water spray or fog, foam, dry chemical or CO2. Do not use direct water stream.
Unusual Fire & Explosion Hazards:	None known.

6. Accidental Release Measures

www.rxmarine.com

7. Handling and Storage

www.rxmarine.com

Steps To Be Taken If Material Is Spilled Or Released:	Contain spill. Keep out of surface waters & any sewers or water courses entering or leading to surface waters. Soak up with inert absorbent & place in properly labeled leak-proof containers for disposal.
Waste Disposal Methods:	Dispose of in accordance with all local, state and federal regulations.

Precautions To Be Taken In Handling & Storage:	Store in original shipping containers away from heat, open flame & oxidizing materials. Keep closed when not in use. Shelf life 1 year.
Other Precautions &/or Special Hazards:	KEEP OUT OF REACH OF CHILDREN. Read & follow label directions

8. Exposure controls and personal protection

www.rxmarine.com

Respiratory Protection (specify type):	As required to prevent overexposure. NIOSH approved air purifying respirator for organic vapors or atmospheresupplying respirator.
Protective Gloves:	As required to minimize skin contact.
Eye Protection:	Safety glasses or goggles
Ventilation Requirements:	Explosion proof ventilation as required to control vapor concentrations.
Other Protective Clothing & Equipment:	Clothing as required to minimize skin contact. Eyewash station and safety shower.
Hygienic Work Practices:	Do not eat, drink or smoke in work area. Wash hands after handling.

9. Physical and chemical properties

www.rxmarine.com

Boiling Point:	370°F - 550°F
Specific Gravity (H2O=1):	0.80
Vapor Pressure.980 mmHg @ 77° F	N/A
Vapor Pressure (Non-Aerosols)(mm Hg and Temperature):	5@100°F
Vapor Density (Air = 1):	5
Ev a p e o r a t i o n R a t e (= 1) :	<.10
Solubility in Water:	Negligible
Water Reactive:	No
Appearance and Odor:	clear liquid with light citrus odor .
V.O.C.	804 g / l

10. Stability and reactivity

www.rxmarine.com

STABILITY	[X] STABLE [] UNSTABLE
-----------	---------------------------

HAZARDOUS POLYMERIZATION	[] WILL [X] WILL NOT OCCUR
Incompatibility (Mat. to avoid):	Oxidizing materials.
Conditions to Avoid:	Oxides of carbon & unidentified organics may be formed during combustion.

11. Toxicological information

www.rxmarine.com

12. Ecological information

www.rxmarine.com

13. Disposal considerations

www.rxmarine.com

14. Transport information

www.rxmarine.com

15. Regulatory information

www.rxmarine.com

16. Other information

www.rxmarine.com

DISCLAIMER OF LIABILITY :The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

This Safety Data Sheet is provided by RXSOL. For the most current version of this document, please visit varanasichemical.com. This document is prepared in accordance with GHS / OSHA HazCom standards. The information contained herein is believed to be accurate but does not purport to be all-inclusive. It is the responsibility of the user to determine the suitability of this information for their application.