Material Safety Data Sheet

D'limonene Degreaser Premium Quality CITROSOLV (RXSOL-10-1713-025)

1. Product and Company Identifaction

Product Name	RXSOL-10-1713-025
Product Type	Citrus Detergent Degreaser Conc

Company Details:

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

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

2. Composition / informationon ingredients

	CAS#	OSHA PEL	ACGIH TLV
D'limonene	5989-27-5	not established	not established
Monoethanolamine	141-43-5	3	3

3. Hazards Identification

This product is hazardous as defined in 29 CFR1910.1200.
OSHA HAZARD: FLAMMABLE, CORROSIVE
OSHA HAZARDOUS INGREDIENTS
XPOSURE LIMITS 8 hrs. TW A (ppm)

EMERGENCY OVERVIEW:	
	Clear amber liquid with citrus odor.
	lammable. Can be corrosive to eyes, skin, and respiratory tract.
POTENTIAL HEALTH EFFECTS:	
EYE CONTACT:	May cause irritation or burns to eyes on prolonged contact. High vapor concentrations may be irritating.
SKIN CONTACT:	Frequent or prolonged contact may irritate or dry the skin, cause dermatitis or cause burns. Skin contact may aggravate an existing dermatitis condition.
INHALATION:	High vapor/aerosol concentrations are irritating or may cause burns to the respiratory tract, may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects.
INGESTION:	Small amounts of this liquid may be drawn into the lungs by either swallowing or vomiting. This may cause severe and delayed health effects such as inflammation of the lungs and infection of the bronchi. Ingestion may cause irritation of or burns to the digestive tract.
CHRONIC:	Inflammation of mucous membranes and respiratory tract may occur upon prolonged breathing of mist. Ingestion of large amounts of d'limonene has caused kidney and liver damage in male rats but not in female rats or mice of both species. Ingestion of large amounts of monoethanolamine has caused kidney and liver damage in laboratory animals.

4. First Aid Measures

EYE CONTACT:	Flush eyes with large amounts of water. See physician immediately.
SKIN CONTACT:	Flush skin with large amounts of water. Remove contaminated clothing and launder before reuse. If skin irritation develops or persists, consult physician.
INHALATION:	Remove person to fresh air. Administer oxygen or artificial respiration as needed. Call a physician immediately.
INGESTION:	If swallowed, give plenty of milk or water. DO NOT INDUCE VOMITING. Use a stomach pump. Call a physician immediately.

5. Fire-fighting Measures

FLASH POINT:	**160 degree centegrade**
FLAMMABLE LIMITS:	**N A**
AUTOIGNITION TEMPERATURE:	**N A**
GENERAL HAZARD:	**Flammable liquid. Can form flammable mixtures at or above the flash point. Containers can rupture and explode under fire conditions due to pressure and vapor buildup.**
FIRE FIGHTING:	**Either allow fire to burn out under controlled conditions or extinguish with water, foam, or dry chemical. Cool exposed containers with water spray.**
HAZARDOUS COMBUSTION PRODUCTS:	**Smoke, fumes, and oxides of carbon, nitrogen, and sulfur.**

6. Accidental Release Measures

STORAGE TEMPERATURE, F:	ambient. DO NOT STORE ABOVE 120 o oF. KEEP FROM FREEZING.
GENERAL:	Remove product from water surface by skimming or with suitable absorbents. This product contains surfactants which will cause it to disperse in water. Localized high concentrations of this product may cause fish kills, but no persistent or long term effects will result. Check with local environmental regulatory agencies for reporting requirements.

7. Handling and Storage

STORAGE TEMPERATURE, F:	ambient. DO NOT STORE ABOVE 120 o oF. KEEP FROM FREEZING.
GENERAL:	Keep away from heat sources, open flames, and other ignition sources. Do not store near strong oxidants

8. Exposure controls and personal protection

PERSONAL PROTECTION:	Safety glasses are recommended for all workplace conditions. Solvent resistant gloves should be used. Other protective gear, including splash proof goggles or face shield, rubber boots, apron, gauntlets, or rain gear should be worn depending on how the product is used..
VENTILATION:	None needed under normal use conditions. For enclosed areas, or where large amounts of the product are being used, the use of fans or other mechanical ventilation is recommended. An organic vapor mask should be used if the TLV is exceeded and a particle mask if the product is sprayed. DO NOT MIST THIS PRODUCT. Use coarse spray only.

9. Physical and chemical properties

BOILING POINT, oF:	About 212
VAPOR PRESSURE, mm Hg at 20oC:	equal to water
VAPOR DENSITY (Air = 1):	equal to water
SOLUBILITY IN WATER:	emulsifies
WT% ORGANIC VOLATILES:	about 30
SPECIFIC GRAVITY at 75oF:	0.98
pH:	10.2
ODOR AND APPEARANCE:	clear amber liquid with citrus odor

10. Stability and reactivity

GENERAL:	This product is stable and hazardous polymerization will not occur.
INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:	Strong oxidizing agents.

11. Toxicological information

This product contains water (CAS# 7732-18-5), d'limonene (CAS# 5989-27-5), monoethanolammonium dodecylbenzene sulfonate (CAS# 26836-07-7), nonylphenol ethoxylate (CAS# 9016-45-9), diethylene glycol monobutyl ether (CAS# 112-34-5), and monoethanolamine (CAS# 141-43-5).

12. Ecological information

N/A

13. Disposal considerations

N/A

14. Transport information

N/A

15. Regulatory information

	HMIS	NFPA	
HEALTH	1	1	
FLAMMABILITY	2	2	
REACTIVITY	0	0	

KEY
4 = Severe
3 = Serious
2 = Moderate
1 = Slight
0 = Minimal

16. Other information

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.