Material Safety Data Sheet

Medium Cloud Point Glycol (RXSOL MCPG) (RXSOL-81-8199-210)

1. Product and Company Identifaction

Product Name	RXSOL-81-8199-210
Product Type	Medium Cloud Point Glycol (RXSOL MCPG)

Company Details:

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

Stock Point : Mumbai, Kolkata, Chennai, Gandhidham, Visakhapatnam, Fujairah, Muscat

Phone	+91 22 27815541 / 42
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	mail@rxmarine.com

2. Composition / informationon ingredients

Ingredient	CAS No	Percent
Glycol Ether Mixure	Proprietary	100

The product contains non-hazardous components.

3. Hazards Identification

Signal Word :	None
Hazard Statements:	Health injuries are not known or expected under normal use
Eyes:	Slightly irritating but does not injure eye tissue.
Skin:	Health injuries are not known or expected under normal use.
Inhalation:	Health injuries are not known or expected under normal use.
Ingestion:	Intentional misuse by concentrating and inhaling the product can be harmful or fatal.

4. First Aid Measures

Inhalation:	Move the exposed person to fresh air at once. If respiratory problems, artificial respiration/oxygen. Get medical attention.
Ingestion:	DO NOT induce vomiting if swallowed. Danger of aspiration and development of chemical Pneumonia. Get medical attention.
Skin Contact:	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.
Eye Contact:	Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.
Notes to Physicians	Treat symptomatically.

5. Fire-fighting Measures

Suitable extinguishing media	Water spray, dry powder or carbon dioxide. and Alcohol resistant foam.
Special Fire Fighting Procedures	Cool containers exposed to flames with water until well after the fire is out.
Specific Hazards	Fire or high temperatures create: Oxides of: Carbon dioxide (CO2). and Carbon monoxide (CO).
Protective Measures In Fire	Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6. Accidental Release Measures

Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet.
Enviromental Precaution	Do not allow to enter drains, sewers or watercourses.
Spill Clean Up Methods	Dike far ahead of larger spills for later disposal. Absorb spillage with suitable absorbent material. Shovel into dry containers. Cover and move the containers. Flush the area with water.

7. Handling and Storage

Handling	Do not get this material in your eyes, on your skin, or on your clothing. Wash hands after handling and before eating. Do not handle or store near an open flame, heat or other sources of ignition.
Storage	Use care in handling/storage. Keep containers tightly closed in a dry, cool and well-ventilated place. Do not store in aluminum containers. Store in a cool place
Advice on general occupational hygiene	Wash hands after use. Do not to eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas.

8. Exposure controls and personal protection

Engineering Control	Provide adequate general and local exhaust ventilation.
Respiratory Equipment	No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists. Chemical respirator with organic vapour cartridge.
Hand Protection	Chemical resistant gloves required for prolonged or repeated contact. Use protective gloves made of: Polyvinyl chloride (PVC). Butyl rubber. and Nitrile.
Eye Protection	Wear approved chemical safety goggles where eye exposure is reasonably probable.
Other Protection	Wear appropriate clothing to prevent repeated or prolonged skin contact. Provide eyewash station.



Gloves



Suit

9. Physical and chemical properties

Appearance	Liquid
Colour	Clear / Brown
Odour	Mild

Solubility	Miscible With Water.
Boiling Point	> 120°C
Vapour Pressure	0.931 Kpa (7mm Hg)
Flash Point (°C)	> 140 Pm Closed Cup.
Relative Density	1012 Kg/M3 (1.012 G/Cm3) @15°C
Viscosity Kinematic:	7.3 Mm2/S (7.3 Cst)@ 40 °C

10. Stability and reactivity

Stability	Stable under normal temperature conditions.
Materials To Avoid	Acids, oxidising. Strong oxidising substances.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Incompatible materials	Avoid to contact with strong acids Avoid to contact with oxidizing agents.
Polymerization	Will not occur.

11. Toxicological information

Route of Exposure	Inhalation, Eye contact, Skin contact
Eyes	Causes serious eye damage.
Skin	Causes severe skin burns.
Ingestion	Causes digestive tract burns
Inhalation	Inhalation of vapours leads to irritation of respiratory tract and mucous membranes, headache, nausea, dizziness, vomiting. Sensitisation possible through inhalation
Chronic Exposure	Health injuries are not known or expected under normal use.
Acute oral toxicity	LD50 200-2,000mg/kg
Acute inhalation toxicity	No data available
Acute dermal toxicity	No data available
Classification	The classification was made by the conventional (calculation) method of Dangerous Preparations Directive(1999/45/EC)

12. Ecological information

Environmental Effects	No data available
Toxicity to fish	No data available
Toxicity to daphnia and others	No data available
Toxicity to algae	No data available
Biodegradability	> 60% (28 d)
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available

13. Disposal considerations

Remarks	Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.
Waste Disposal	The product should not be allowed to enter drains, water courses or the soil. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility

14. Transport information

Hazard Pictograms:

UN Number	UN3265
Proper shipping name	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (2,2-Di-Bromo-3-Nitrilo-Propionamide)
Transport hazard class(es) 8	
ADR/RID	8
Subsidiary risk IMDG	8
Subsidiary risk IATA	8
Packing group	
Packing group	III
Environmental hazards	
Environmental hazards	No
Marine pollutant	No
ADR/RID	
Hazard ID	80
Tunnel Category	(E)
IMDG	
EmS Code	F-A S-B
IATA	
Packing Instruction (Cargo)	856
Maximum quantity	60 L
Packing Instruction (Passenger)	852
Maximum quantity	5 L

15. Regulatory information

Regulations	In accordance with REACH Regulation (EC) No 1907/2006 as last amended with respect to SDS provisions by Commission Regulation (EU) 2015/830. COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
Chemical safety assessment	No data available.
Further information	FOR INDUSTRIAL USE. Water Hazard Class:. WGK 1. PR Number - 1821143. Product Declaration Number - P-14188 (Norwegian).

16. Other information

Other Information	The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if **Rx Marine International** has been advised of the possibility of such damages. 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.