Material Safety Data Sheet

Polypropylene Glycol 2000 (RXSOL-27-1949-025)

1. Product and Company Identifaction

Product Name	Polypropylene Glycol 2000
Part Number	RXSOL-19-1949-025

Company Details:

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

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

Phone	+91 22 27815541 / 42
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Email	123@rxmarine.com
Website	www.rxmarine.com

2. Composition / informationon ingredients

Name	CAS #	% by Weight
Polypropylene Glycol 2000	25322-69-4	100

Toxicological Data on Ingredients: Not applicable.

3. Hazards Identification

Potential Acute Health Effects	:	Slightly hazardous in case of skin contact (irritant), of eye contac (irritant), of ingestion, of inhalation.
Potential Chronic Health Effects	:	CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. Repeated or prolonged exposure is not known to aggravate medical condition.

4. First Aid Measures

Eye Contact	:	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15minutes. Get medical attention if irritation occurs.
Skin Contact	:	Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.
Serious Skin Contact	:	Not Available
Inhalation	:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Serious Inhalation	:	Not Applicable

Ingestion	:	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

5. Fire-fighting Measures

Flammability	:	May be combustible at high temperature.
Auto-IgnitionTemperature	:	Not Available
Flash Point	:	Open Cup : 229.44°C (445°F)
Flammable Limit	:	Not Available
Product of Combution	:	These products are carbon oxides (CO, CO2).
Fire Hazards in Presence of Various Substances	:	Slightly flammable to flammable in presence of open flames and sparks, of heat. Non-flammable in presence of shocks.
Explosion Hazards in Presence of Various Substances	:	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.
Fire Fighting Media and Instructions	:	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.
Special Remarks on Fire Hazards	:	Not Available
Special Remarks on Explosion Hazards	:	Not Available

6. Accidental Release Measures

Small Spill	:	Absorb with an inert material and put the spilled material in an appropriate waste disposal.
Large Spill	:	Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

7. Handling and Storage

Handling	:	Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.
Storage	:	Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 24°C (75.2°F).

8. Exposure controls and personal protection

Engineering Control	:	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.
Personal Protection	:	Safety glasses. Lab coat. Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
Exposure Limits	:	Not Available



Gloves



Suit

9. Physical and chemical properties

Appearance	:	Colourless Transparent Liquid
Odor	:	Slight
Odour Thresold	:	No Data available.
pH	:	5.00 - 8.00
Melting Point / Freezing Point	:	No Data Available
Intial Boiling Point	:	No Data Available
Flash Point	:	230°C (COC Method)
Evoporation Rate	:	No Data Available
Flammability Solid/Gas	:	Not Applicable
Flammable Limit in Air	:	Not Applicable
Explosive Properties	:	Not Applicable
Oxidizing Properties	:	Not Applicable
Vapor Pressure	:	Negligible at ambient temrature
Solubility	:	Slight Soluble in Water
Vapour Density	:	Not Applicable
Relative Density	:	1.010 - 1.020
Partition Cofficient n Octanol / Water	:	No Data Available
Auto Ignition temperature	:	No Data Available
Decomposition Temperature	:	No Data Available
Viscosity	:	260-340 (cps@ 25°C)
Molecular Weight	:	2000 Approxmealy

10. Stability and reactivity

Stability	:	The product is stable.
Instability Temperature	:	Not Available
Conditions of Instability	:	Incompatible materials
Incompatibility with various substances	:	Reactive with oxidizing agents.
Corrosivity	:	Not Available
Special Remarks on Reactivity	:	Not Available
Polymerization	:	Will not occur.

11. Toxicological information

Routes of Entry	:	Absorbed through skin. Eye contact.
Toxicity to Animal	:	Acute oral toxicity (LD50): 9760 mg/kg [Rat]
Chronic Effects on Humans:	:	Not available.
Other Toxic Effects on Humans	:	Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.
Special Remarks on Toxicity to Animals	:	LD50 [Rabbit] - Route: dermal; Dose: >20 ml/kg
Special Remarks on Chronic Effects on Humans	:	Not Available

Special Remarks on other Toxic Effects on Humans:		Acute Potential Health Effects: Skin: May cause mild skin irritation. Eyes: May cause slight irritation, but no corneal damage. Inhalation: Vapor may cause respiratory tract irritation. Ingestion: May cause gastrointestinal tract irritation. Toxicity is expected to be low during normal industrial handling. May affect behavior.

12. Ecological information

Ecotoxicity	:	Not available.
BOD5 and COD	:	Not available.
Products of Biodegradation	:	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation	:	The product itself and its products of degradation are not toxic.
Special Remarks on the Products of Biodegradation	:	Not Available

13. Disposal considerations

Waste Disposal : Waste must be disposed of in accordance with federal, state and local environmental control regulations.

14. Transport information

DOT Classification : Not a DOT controlled material (United States).

Identification : Not applicable.

Special Provisions for Transport : Not applicable.

15. Regulatory information

Federal and State Regulations: Minnesota: Polypropylene Glycol 2000 TSCA 8(b) inventory: Polypropylene Glycol 2000
Other Regulations: **EINECS:** This product is on the European Inventory of Existing Commercial Chemical Substances.
Other Classifications:
WHMIS (Canada): Not controlled under WHMIS (Canada).

HMIS (U.S.A.):

Health Hazard	:	1
Fire Hazard	:	1
Reactivity	:	0
Personal Protection	:	A

National Fire Protection Association (U.S.A.):

Health Hazard	:	1
Fire Hazard	:	1
Reactivity	:	0
Specific hazard	:	0

Protective Equipment : Not Applicable

16. Other information

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