Material Safety Data Sheet

Oil Based Mud Lubricant GLOLUBE (RXSOL-81-8153-025)

1. Product and Company Identifaction

Product Name	Oil Based Mud Lubricant GLOLUBE
Part Number	RXSOL-81-8153-025

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

Stock Point **: Kandla, Hazira, Mumbai, Chennai, Vizag, Kolkata , Fujairah, OMAN CANADA, Nairobi Kenya**

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Website	**www.rxmarine.com**

2. Composition / informationon ingredients

Name of Substance	Cas Number	EC Num
FATTY ACIDS, TALL-OIL	61790-12-3	263-107
RAPESEED OIL	8002-13-9	232-299
Proprietory Blend	-----	----

3. Hazards Identification

Signal Word	Warning
Hazard Statements	H312 + H332 Harmful in contact with skin or if inhaled H315 Causes skin irritation.
Precautionary statements - prevention	Wear protective gloves/protective clothing/eye protection/face protection.Use only outdoors or in a well-ventilated area.Wash face, hands and any exposed skin thoroughly after handling.Do not breathe dust/fume/gas/mist/vapors/spray.Keep away from heat/sparks/open flames/hot surfaces. - No smoking Keep container tightly closed Ground/bond container and receiving equipment Use explosion-proof electrical/ventilating/lighting/equipment Use only non-sparking too
Precautionary statements - response	Get medical attention/advice if you feel unwell

4. First Aid Measures

Skin Contact	Wash off immediately with plenty of water for at least 15 minutes. Immediate medical attention is required.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention.
Inhalation:	Move to fresh air. If not breathing, give artificial respiration. Get medical attention ifm symptoms occur. Risk of serious damage to the lungs.
Ingestion	Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting. Call a physician or Poison Control Center immediately. If vomiting occurs naturally, have victim lean forward.
Most important symptoms/effects	Breathing difficulties. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
Notes to Physician	Treat symptomatically

5. Fire-fighting Measures

Suitable extinguishing media	Alcohol resistant foam. Water spray, dry powder or carbon dioxide.
Unsuitable Fire & Explosion Hazard	No unusual fire or explosion hazards noted.
Sensitivity to Mechanical Impact	No information available
Sensitivity to Static Discharge	No information available
Specific Hazards Arising from the Chemical	By heating and fire, harmful vapours/gases may be formed.
Special Fire Fighting Procedure	Avoid water in straight hose stream; will scatter and spread fire.
Protective Equipment and Precautions for Firefighters	Self contained breathing apparatus and full protective clothing must be worn in case of fire.
Further Information	Remove container from danger zone and cool with water. Prevent fire extinguishing water from contaminating surface water or the ground water system.

6. Accidental Release Measures

Spillage	Absorb with an inert material and put the spilled material in an appropriate waste disposal.Flammable liquid. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.
Personal Protection	Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Take precautionary measures against static discharges.
Enviromental Precaution	Should not be released into the environment. See Section 12 for additional ecological information. Avoid release to the environment. Collect spillage. Do not flush into surface water or sanitary sewer system.
Methods and materials for containment and cleaning	Soak up with inert absorbent material. Keep in suitable, closed containers for disposal. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment

7. Handling and Storage

Handling	Wear personal protective equipment. Do not get in eyes, on skin, or on clothing. Use only under a chemical fume hood. Do not breathe vapors or spray mist. Do not ingest. Keep away from open flames, hot surfaces and sources of ignition. Use only non-sparking tools. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Take precautionary measures against static discharges.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat and sources of ignition. Flammables area. Corrosives area.
Hygiene measures	Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance.

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	**Eye/face Protection** : Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. **Skin and body protection** : Wear appropriate protective gloves and clothing to prevent skin exposure. Long sleeved clothing.Flame retardant antistatic protective clothing. **Respiratory Protection** : Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice.



Gloves



Suit

9. Physical and chemical properties

Form	Liquid
Colour	Brownnis, Black
Odour	Characteristic
Odor Threshold	No Information Available
pH	6 -7
Melting Point	-10 °C
Boiling Point	143 - 145 °C / 289.4 - 293 °F
Flash Point	160 °C
Vapour pressure	1 mbar 38

Vapour Density	>1
Secific Gravity	0.91- 0.95
Solubility in Water	Slightly dispersible in water.
Viscosity	No information available

10. Stability and reactivity

Recativity Hazard	None known, based on information available
Stability	Product is stable.
Possibility of hazardous reactions	No known hazardous reactions.
Conditions to avoid	Strong oxidising substances.
Incompatible materials	Strong oxidizing agents, Strong reducing agents
Hazardous Decomposition Products	Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO2).
Hazardous Polymerization	Hazardous polymerization does not occur. Hazardous Reactions None under normal processing

11. Toxicological information

Inhalation	May cause irritation to the respiratory system
Ingestion	May cause gastric distress, nausea and vomiting if ingested.
Skin corrosion	Prolonged and frequent contact may cause redness and irritation.
Toxic Effects on Humans	Acute Potential Health Effects: Skin: Causes skin irritation. Can be absorbed through skin. Eyes: Causes eye irritation. Inhalation: Vapor causes respiratory tract and mucous membrane irritation.
Special Remarks on Chronic Effects on Humans	Detected in maternal milk in human. Passes through the placental barrier in animal. Embryotoxic and/or foetotoxic in animal. May cause adverse reproductive effects (male and femael fertility (spontaneous abortion and fetotoxicity) and birth defects based animal data.

12. Ecological information

Toxicity to Fish	No information available.
COD and BOD 5	Not Available
Products of Biodegradation:	No information available.
Mobility in soil	No information available.
Results of PBT and vPvB assessment	Substance(s) in the mixture do(es) not meet the criteria for PBT or vPvB according to Regulation (EC) No 1907/2006, Annex XIII, or a PBT/vPvB assessment was not conducted.
Other adverse effects	Additional ecological information Discharge into the environment must be avoided.

13. Disposal considerations

Waste treatment Method	Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself

14. Transport information

DOT/TDG/ITA/IMDG/IMO	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).
Proper shipping name	Not Regulated
Hazard Class	Not Regulated
Packing group	Not Regulated

15. Regulatory information

RISK PHRASES	Not Classified
SAFETY PHRASES	Not Classified
UK REGULATORY REFERENCES	The Control of Substances Hazardous to Health Regulations Chemicals (Hazard Information & Packaging) Regulations.
EU DIRECTIVES	Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EEC.
GUIDANCE NOTES	Workplace Exposure Limits EH40

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.