Material Safety Data Sheet

Liquid Glucose (RXSOL-95-9508-300)

1. Product and Company Identifaction

Product Name RXSOL-10-1005-025

Product Type	DEGREASER HEAVY DUTY

Company Details:

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

Branch Stock Point ::: Mumbai, Kandla, Chennai - Ennore, visakhapatnam, Kolkata, Fujairah

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

2. Composition / informationon ingredients

- 2.1. Liquid Glucose: DE 40-65%
- 2.2. Hazardous impurities: Arsenic ?0.5MG/KG, Sulfur dioxide ?30MG/KG, Sulfate Ash ?0.4MG/KG

3. Hazards Identification

- 3.1. Hazardous overview: Liquid Glucose is Slightly hazardous in case of inhalation, skin contact, ingestion or eye contact.
- 3.2. Contact with eyes: May cause eye irritation.
- 3.3. Contact with skin: May cause skin irritation.
- 3.4. Ingestion: May cause irritation of the digestive tract.
- 3.5. Inhalation: May cause respiratory tract irritation.
- 3.6. Other: Not Applicable

4. First Aid Measures

- 4.1. Contact with eyes: Flush immediately with plenty of water for 15 minutes and seek medical advice
- 4.2. Contact with skin: Wash the affected area with water, remove contaminated clothing and launder before re-use. Seek medical advice if irritation develops or persists.
- 4.3. Ingestion: Rinse mouth thoroughly with water and drink water afterwards.
- 4.4. Inhalation: Remove from exposure, move to fresh air and seek medical advice immediately.

5. Fire-fighting Measures

- 5.1. General information: May be combustible at high temperature.
- 5.2. Flash point: Not available
- 5.3. Ignition control: Avoid ignition sources where Liquid Glucose is stored or processed.
- 5.4. Dust control: Keep the handling area with adequate ventilation
- 5.5. Extinguishing Media: Water spray, dry chemical or carbon dioxide
- 5.6. Spills/Leaks: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

6. Accidental Release Measures

- 6.1. Liquid Glucose is fully biodegradable and the products of degradation are not toxic.

7. Handling and Storage

- 7.1. Storage: Kept in dry, cool, and shaded place with original packaging, avoid moisture, store at room temperature.
- 7.2. Handling precaution: 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 dust.

8. Exposure controls and personal protection

- 6.1. Engineering Controls: Safety shower and eye bath. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations below their respective threshold limit value.
- 6.2. Respiratory protection: NIOSH/MSHA or European Standard EN 149 approved respirator
- 6.3. Eye Protection: Protective eyeglasses or chemical safety goggles
- 6.4. Skin Protection: Wear appropriate protective gloves and clothes to minimize skin contact.
- 6.5. Other: Consult professionals if Liquid Glucose need to be handled under some special conditions.

9. Physical and chemical properties

- 9.1. Physical State: Liquid
- 9.2. Appearance: Thick transparent liquid, no visible impurities
- 9.3. Odor: Special smell of maltose
- 9.4. pH: 4.0-6.0
- 9.5. Melting point/range: Not available
- 9.6. Boiling point: Not available
- 9.7. Bulk density: Not available
- 9.8. Solubility: Soluble in cold water, hot water.

10. Stability and reactivity

- 10.1. Chemical Stability: Stable under normal temperatures and pressures
- 10.2. Shelf Life: 24 months period
- 10.3. Hazardous decomposition: Carbon oxides (CO, CO2)
- 10.4. Hazardous polymerization: Will not occur
- 10.5. Incompatible with: Not available

12. Ecological information

- 12.1. Liquid Glucose is fully biodegradable and the products of degradation are not toxic.

14. Transport information

- 14.1. No special requirements and no restrictions on transportation by land, sea or air.