Material Safety Data Sheet

STACK SOL GUARD (RXSOL-16-1692-025)

1. Product and Company Identifaction

Product Name	**STACK SOL GUARD**
Product Type	**RXSOL-16-1692-025**

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

Phone	+91 22 65113333/ 5555 / 9999 / 27611360 / 27815540
Fax	+91 22 2781 1318 :::AOH :0091 9322594669
Email	mail@rxmarine.com

2. Composition / informationon ingredients

Component	Cas No	% Weight	Hazards
Ethylene Glycol	107-21-1	30-60	TLV: 100 mg/m³ - ceiling (aerosol)PEL: N/E
Triethanolamine	102-71-6	1-10	TLV: 5 mg/m³ PEL: N/E
Proprietory Blend of Corrosion Inhibitor	---	9-12	---

N/E - Not Established; N/A - Not Applicable; Mfr - Manufacturer Recommendation TLV, STEL - ACGIH; PEL - OSHA

3. Hazards Identification

Primary Entry Routes: Eyes, skin, inhalation

Acute Effects:

Inhalation	Inhalation of mists may cause irritation of the upper respiratory tract.
Eye	May cause moderate eye irritation.
Skin	Prolonged or repeated skin contact may cause irritation.
Ingestion	Avoid ingestion. swallowing large amounts of ethylene glycol has caused birth defects in laboratory animals.
Carcinogenicity	This product does not contain any component reportable as a carcinogen under 29 cfr 1910.1200.

Medical Conditions	Pre-existing skin and respiratory conditions may be aggravated
Aggravated by LongTerm Exposure	By exposure.
Chronic Effects	see effects above.

HMIS:

Health:	1
Flammability:	0
Physical Hazard:	0

Indicates that there may be chronic health effects present

4. First Aid Measures

Inhalation	if inhaled, remove to a source of fresh air.
Eye contact	flush eyes with water for 15 minutes. consult physician.
Skin contact	wash skin with soap and water. remove contaminated clothing and launder before reusing. consult physician if irritation persists.
Ingestion	if ingested, consult physician.
Note to physicians	no specific antidote known. based on individual reactions of the patient, the physician's judgment should be used to control symptoms andclinical conditions.

N/A - Not Applicable

5. Fire-fighting Measures

Flash Point	N/A
Autoignition Temperature	N/D
LEL	N/A
UEL	N/A
Extinguishing Media	product contains water and is a fire resistant fluid; not flammable as used. if water is removed, use carbon dioxide, dry chemical or foam.
Unusual Fire or Explosion	closed containers may swell and rupture when exposed to hazards extreme heat. use water spray to cool containers exposed to fire and heat.
Fire Fighting Instructions	wear protective gear during firefighting. if possible, move containers from fire areas.

NFPA:

Health:	1
Flammability:	0
Reactivity:	0
Special:	N/A

N/A - Not Applicable; ND - Not Determined; > - Greater Than; - Less Than

6. Accidental Release Measures

Spill or Release Procedures:
for small quantities, flush area with water and mop up thoroughly. for large quantities, dike to contain spill. collect spilled material and reuse or dispose of depending on condition.

7. Handling and Storage

Handling Precautions:
avoid contact with eyes, skin and clothing. avoid ingestion. use with adequate ventilation. wash thoroughly after handling..

Storage Requirements:
store away from strong oxidizers. keep containers closed when not in use.

8. Exposure controls and personal protection

Engineering Controls:
provide general and/or local exhaust ventilation to maintain airborne concentrations below the exposure limits in section 2.

Personal Protective Equipment:

Eye/Face Protection	wear safety goggles or safety glasses with side shields.
Skin Protection	use rubber gloves and long sleeves to minimize skin exposure. use apron or overalls if splashing is possible.
Respiratory Protection	osha regulations (29 cfr 1910.134) state that the employer is responsible for determining when respirators are needed and what type should be used.
Other	eyewash and safety shower recommended.
Comments	use of gloves and other skin protection depends on the duration of exposure and the task being performed. if necessary, use chemically resistant gloves such as neoprene, nitrile or equivalent materials.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, or applying cosmetics.

9. Physical and chemical properties

Appearance	Light red, Fluorescent fluid
Odor	Bland
Vapor Pressure (mmHg)	N/D
Vapor Density (Air = 1)	N/D
Specific Gravity (Water = 1)	1.05
pH (Neat)	9.7
Water Solubility	Complete

Boiling Point	215°F / 102°C
Freezing/ Melting Point	N/D
Evaporation Rate (BuAc = 1)	1

N/D - Not Determined; N/A - Not Applicable; > - Greater Than; - Less Than

10. Stability and reactivity

Stability	This product is stable at room temperature in closed containers under normal storage and handling conditions.
Chemical Incompatibilities	Avoid contact with strong oxidizers.
Hazardous Decomposition Products	Thermal: oxides of carbon and nitrogen
Hazardous Polymerization	Hazardous polymerization will not occur.

11. Toxicological information

Data: see product data sheet for any available information.

12. Ecological information

Data: see product data sheet for any available information.

13. Disposal considerations

Disposal : dispose of in accordance with all applicable regulations.
RCRA Hazardous Waste Number : N/A

14. Transport information

Proper Shipping Name : Not hazardous under dot, air or imo regulations.

TDG : Not regulated under the canadian transportation of dangerous goods regulation

15. Regulatory information

TSCA Section 8(b)	All of the components in this product are on the tsca inventory.
DSL	All of the components in this product are on the canadian dsl. this product has been classified in accordance with the hazard criteria of the cpr and the msds contains all of the information required by the cpr.
Reportable Quantity	ethylene glycol: rq - 5000 lbs
SARA Title III, Section 313	30% ethylene glycol (CAS 107-21-1)

SCAQMD	scaqmd rule 1144: this product has not been tested for compliance with california’s scaqmd rule 1144 and therefore cannot be used as a metal working fluid or as a direct contact lubricant in california’s scaqmd region as per rule 1144.
Ozone Depleting	this product was not manufactured, does not contain, and was substances not packaged using any class i or class ii ozone depleting substance as defined by the clean air act.
WHMIS	D2A, D2B

16. Other information

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