Material Safety Data Sheet

Degreaser Electrical Non Flame (RXSOL-10-1738-025)

1. Product and Company Identifaction

Product Name	Degreaser for safe Electrical Non Flammable
Part Number	RXSOL-10-1738-025

Company Details:

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

Phone	+91 22 65113333 / 5555 / 9999
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	123@rxmarine.com
Website	www.rxmarine.com

2. Composition / informationon ingredients

Chemical Name	Percent	CAS NO.	OSHA	Exposure Limits
Ethyl Hydroxy Propionate	>96%	97-64-3	None	None

Molecular Formula: CH3-CH(OH)-COO-CH2CH3

3. Hazards Identification

Acute Health Effects:
Eyes: Risk of damage
Skin Contact: Not an irritant
Inhalation: Possible narcotic effects at excessive exposure.
Chronic Health Effects: Oral Allowed as food additive by FDA and FAO/WHO; not listed as a carcinogen
Routes of Entry: Most common – skin and inhalation
Medical Conditions Aggravated by Exposure: Mist may cause eye/respiratory irritation with coughing

4. First Aid Measures

Eye	:	Immediately flush with water for at least 15 minutes. See a medical doctor immediately.
Skin	:	Rinse with water
Inhalation	:	Remove to fresh air. If discomfort occurs and persists, obtain medical attention.
Ingestion	:	Induce vomiting. See a doctor immediately.

First Aid: In case of contact, immediately flush eyes with water for at least 15 minutes. If irritation persists, obtain medical attention. Flush skin with water.

5. Fire-fighting Measures

Extinguishing Media: Water, water fog, carbon dioxide (CO2), dry chemical
Special Procedures: Wear Approved respirator
Degree of Fire and Moderate

Explosion Hazard: Hazardous Decom**Position Procedures:** None. Decomposes to water and CO2 when completely combusted.

6. Accidental Release Measures

Procedure for Release or Spill : Cover with large quantity of absorbent material (e.g. kitty litter) and collect in drums fordisposal. Clean contaminated area with water and discharge to sewer.

7. Handling and Storage

Handling : Keep container tightly closed. Store in a cool, dry, well-ventilated, liquid storage area.
Ventilation: Use adequate general or local exhaust ventilation to keep vapor and mist levels as low as possible.
Storage : Store in a cool, dry area away from acids.

8. Exposure controls and personal protection

Recommended Personal Protective Equipment:

Respiratory	:	None required where adequate ventilation conditions exist.
Ventilation	:	Local Exhaust recommended
Eye Protection	:	Use chemical goggles
Gloves	:	Use impervious gloves to prevent skin contact.
Clothing & Equip.	:	Aprons recommended. If clothing becomes contaminated,remove and launder before reuse.
Foot Protection	:	Industrial safety shoes
Engineering Controls	:	None identified
Work Practices	:	Do not smoke in areas of storage or use
Other Protection	:	Non Identified
Precaution	:	Avoid contact with skin and eyes.

Control Measures: Minimize eye and skin contact by using appropriate protective equipment. Use local or general room ventilation to control vapors or mist that may be generated into the work environment.



Gloves



Suit

9. Physical and chemical properties

Form	:	Liquid
Physical state	:	Liquid
Color	:	Clear
Odor	:	Slight
Flash point	:	139 °F
Melting Point	:	Not Applicable
Specific Gravity	:	1.030-1.038
Oxidizing properties	:	No data available
Vapor Pressure (mmHg)	:	1.7
Vapor Density (air=1)	:	4.07
Flammable limits @ 212o F	:	Lel – 1.6% Uel – 10.6%
Odor Threshold	:	0.89 mg/m3 (0.18 ppm)
Bulk Density (G/ML)	:	Not applicable

Partition coefficient	:	n-octanol/water – not applicable
Autoignition Temperature	:	752o F
Evaporation rate (butyl acetate=1)	:	0.22
Bulk Density (G/ML)	:	Not applicable
Water solubility	:	Soluble
Explosive Properties	:	No data available
Viscosity, kinematic	:	No data available
Relative vapor density	:	No data available
Evaporation rate	:	No data available

10. Stability and reactivity

Stability	:	Stable
Hazardous Polymerization	:	None known
Conditions to Avoid	:	None known
Materials to Avoid	:	strong oxidizing agents
Contaminants that Contribute Instability:	:	None
Incompatibility	:	None known
Hazardous Decomposition Products	:	None
Sensitivity to Mech. Impact	:	None
Sensitivity to Static Discharge	:	None

11. Toxicological information

Eye Contact	:	Severe irritant (rabbit)
Skin Contact	:	LD 50 (rats/24 hrs.) >2000mg/kg
Skin Absorption	:	No data available
Inhalation	:	LD 50 (rat/4 hrs.) >5400 mg/m3

Ingestion	:	LD 50 = 4090 MG/KG (rat) (RTECS 1985-86)
Acute Effects	:	May cause severe irritation of the eyes
Chronic Effects	:	None identified

12. Ecological information

Environmental Data: 100% biodegradable
Environmental Effects: No adverse effects known or suspected. Not listed toxic chemical under SARA Title 111.302, 304 or 313

13. Disposal considerations

Waste Disposal Method: Take up with sand or other non-combustible absorbent material and place into container for later disposal. Flush area with water. Dispose in accordance with all applicable Federal, State and local environmental regulations.

14. Transport information

DOT Proper Shipping Name	:	Ethyl Hydroxy Propionate
IATA	:	Not applicable
IMDG	:	Class 3.3
DOT Classification	:	Combustible Liquid N.O.S.
DOT Labels	:	Flammable Liquid, 3
DOT Marking	:	Not applicable
DOT Placard **B**ulk	:	Flammable liquid 1192
DOT Placard Drums	:	No placard required under 110 gal
Hazardous Substance/RQ	:	Not applicable
Precautions To Be Taken in Transport	:	None needed
Other Shipping Information	:	None

Proper Shipping Name: Ethyl Hydroxy Propionate
Hazard Class: 3.3
Packaging Group: III
Reportable Quantity: None
Label Required (drums): None
Placard Required (Bulk): Placard flammable liquid 1192
Maximum Quantity – Aircraft: No limit
Stowage on vessels: Above or Below Deck

15. Regulatory information

OSHA Exposure Limits Substance(s): Ethyl Hydroxy Propionate

OSHA PEL-TWA	:	Not applicable
STEL	:	Not applicable
Ceiling	:	Not applicable
Skin Designation	:	Not applicable

AGGIH TLV-TWA	:	Not applicable
Target Organ Effects	:	Eye
Carcinogenic Potential	:	None
Regulated by OSHA	:	No
Listed on NTP Report	:	No
IARC Group 1, 2A, 2D	:	No
SARA Title III Sec 302-303 (40 CFR 355) Sub.	:	Not applicable
RQ	:	Not applicable
Planning Threshold	:	Not applicable

Canada Ingredient Disclosure List Substance(s): Ethyl Lactate

Controlled Product		Not applicable
Hazard Symbols		Not applicable
Class and Division		Not applicable
Product Identification No		Not applicable
Domestic Substance List		Not applicable
CEPA Priority List		Not applicable
Carcinogenicity		Not listed in other OSHA, ACGIH, NTP, or IARC
ACGIH Appendix A		Not listed
A1 – Confirmed Human		Not listed
A! – Suspected Human		Not listed
IARC Group 1 or 2		No
Label Language (US/Canada) Health		Not Applicable

HMIS LABEL

HEALTH: 1
FLAMMABILITY: 2
REACTIVITY: 0
PERSONAL PROTECTION: B

16. 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 Rx Marine International 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.