

## 1. Product and Company Identification

www.rxmarine.com

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

### Company Details:

**RX MARINE INTERNATIONAL**  
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Website [www.rxmarine.com](http://www.rxmarine.com)

## 2. Composition / Information on ingredients

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

**Molecular Formula:** CH<sub>3</sub>-CH(OH)-COO-CH<sub>2</sub>CH<sub>3</sub>

## 3. Hazards Identification

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### 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

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|            |   |   |
|------------|---|---|
| Eye        | : | Immediately flush with water for at least 15 minutes. Seek medical attention immediately. |
| Skin       | : | Rinse with water for at least 15 minutes. Seek medical attention if irritation persists.  |
| Inhalation | : | Remove to fresh air. If coughing or difficulty breathing, seek 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

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**Extinguishing Media:** Water, water fog, carbon dioxide (CO<sub>2</sub>), dry chemical

**Special Procedures:** Wear Approved respirator

**Degree of Fire and Moderate**

**Explosion Hazard:** Hazardous Decomposition Procedures: None. Decomposes to water and CO<sub>2</sub> when completely combusted.

## 6. Accidental Release Measures

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

## 7. Handling and Storage

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**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

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**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

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|                           |   |                       |
|---------------------------|---|-----------------------|
| 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 | : | LeI 1.6% UeI 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

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|   |   |                         |
|---|---|-------------------------|
| 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

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|                 |   |  |
|-----------------|---|--|
| 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

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**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

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**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

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|                          |   |                           |
|--------------------------|---|---------------------------|
| 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 Bulk                     | : | 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

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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

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