

SDS# POE-32, POE-68, POE-100
Date: October 2015

107408

Total Pages: 4

Pro-Lube™ Polyolester

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Pro-Lube™ Polyolester
Catalog Number: POE-32, POE-68, POE-100
Manufactured by: DiversiTech Corporation
6650 Sugarloaf Parkway
Duluth, GA, 30097
Information Phone No.: 1+678.542.3600
EMERGENCY Phone No.: 1 800.255.3924 Chem-Tel (Chemical Emergencies)
PREPARED BY: V. Leone

SECTION 2. HAZARDOUS IDENTIFICATION

GHS Classification:

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

Label Elements:

Not Applicable

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS No.	EINECS No.	% or Range	GHS Classification
Polyol Ester with Antioxidant*				

*Ingredients not precisely identified are proprietary or nonhazardous.

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation: Evacuate to a safe area with plenty of fresh air. Allow the affected individual to rest in a well ventilated area. Seek medical aid if breathing does not return to normal within 15 minutes.

Ingestion: If more than several ounces of material are swallowed, DO NOT induce vomiting. Give two 16 ounce glasses of water and get medical attention or call the nearest poison control center for advice.

Skin Contact: Remove contaminated clothing. Wash exposed area with water and follow by washing with soap if available. If persistent irritation occurs, obtain medical attention. When using high pressure equipment, injection of product under the skin can occur. If high pressure injuries occur, the effected person should be sent immediately to a hospital. Do not wait for symptoms to develop. Obtain medical attention even in the absence of apparent wounds.

Eye Contact: Flush eye with copious quantities of water. If persistent irritation occurs, obtain medical attention.

4.2. Signs and Symptoms of Exposure:

Inhalation: If sprayed or misted may cause chemical pneumonitis. This product is not toxic by inhalation.

Ingestion: Do not take internally. Low toxicity on ingestion. May cause nausea or diarrhea.

Skin Contact: Minimally irritating. Prolonged contact may cause dermatitis, redness or defatting.

Eye Contact: May cause eye temporary irritation or discomfort.

Aggravated Medical Condition: Contact or breathing mists may exacerbate existing skin or respiratory disorders.

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SECTION 5. FIREFIGHTING MEASURES

Suitable and Unsuitable Extinguishing Media:

Flash Point (Test Method): 518 F, 270 C (COC)

Any extinguisher suitable for Class B fires, dry chemical, CO₂, water spray or firefighting foam.

Special Equipment and Precautions for Fire-Fighters:

Approach fire from upwind side. Avoid breathing smoke, fumes, mist, or vapors. Firefighters should wear NIOSH/MSHA-approved pressure-demand self-contained breathing apparatus with full face piece and full protective clothing. Isolate area around container involved in fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Land Spill: Wear skin and respiratory (if mist or vapors are present) protection during cleanup. Contain the spill. Keep out of sewers and drains. Soak up material with absorbent and shovel into a chemical waste container.

Water Spill: Notify proper authorities. Clean up leaks/spills immediately to prevent soil or water contamination.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with skin, eyes, and clothing. Product is highly hygroscopic. Keep this and all chemicals out of the reach of children.

Conditions for Safe Storage, Including any Incompatibilities: Store in a dry, cool, well-ventilated area. Empty containers retain residue and can be dangerous. All containers should be disposed of in an environmentally safe manner, and in accordance with all governmental regulations.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Airborne Exposure Limits:

8 HR.TWA(29 CFR 1910.1200)

OSHA PEL: none

ACGIH TLV: none

Appropriate Engineering Controls: Local exhaust is recommended when used in enclosed areas. Use in a well-ventilated area. If mist is being generated and exceeds the TLV, a respiratory program meeting OSHA 1910.134 and ANSI Z88.2 requirements must be followed.

Skin Protection: Neoprene or nitrile gloves recommended to minimize skin contact. Other materials may be used if there is documented evidence of compatibility.

Eye Protection: Safety glasses (ANSI Z87.1) or approved equivalent.

Other Protective Clothing: Neoprene aprons, overshoes, oversleeves or other impervious clothing as necessary to minimize exposure.

Work Hygienic Practices: Use proper industrial hygiene practices to minimize hazardous exposure. Wash hands after handling this material, and before eating, smoking or using the bathroom.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear amber liquid

Odor: Mild, indistinct odor

Odor Threshold: Not established

pH @ 25°C: Not applicable

Melting Point (Pour Point): Not applicable

Boiling Point: >350°F

Flash Point: 270°C (518F) (COC)

Freezing Point: Not applicable

Evaporation Rate (Water = 1): Not applicable

Flammable Limits: No data available for this mixture.

Solubility in water: Insoluble in water

Octanol/Water Partition Coefficient: Not available

Autoignition Temperature: Not available

Decomposition Temperature: Not available

LEL: Not available

UEL: Not available

Vapor pressure (mm Hg): 1.33kPa @20°C

Vapor Density (Air = 1): Not available

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SECTION 10. STABILITY AND REACTIVITY

Chemical Stability: Stable.

Possibility of Hazardous Reactions: Will not occur.

Conditions to Avoid: None known.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Analogous compounds evolve carbon monoxide, carbon dioxide, and other unidentified fragments when burned.

SECTION 11. TOXICOLOGICAL INFORMATION

Potential Health Effects:

Inhalation: If sprayed or misted may cause chemical pneumonitis. This product is not toxic by inhalation.

Ingestion: Do not take internally. Low toxicity on ingestion. May cause nausea or diarrhea.

Skin Contact: Minimally irritating. Prolonged contact may cause dermatitis, redness or defatting.

Eye Contact: May cause eye temporary irritation or discomfort.

Aggravated Medical Condition: Contact or breathing mists may exacerbate existing skin or respiratory disorders.

Teratogenicity/Reproductive toxicity: Not expected to be a hazard.

Mutagenic effects: No information.

Numerical Measures of Toxicity:

From Preparation Similar To Polyol Ester with Antioxidant: LD50: >2000 MG/KG (ORAL- RAT)

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity: No information.

Aquatic: No information.

Persistence and Degradability: No information.

Bioaccumulative Potential: No information.

Mobility in Soil: No information.

SECTION 13. DISPOSAL CONSIDERATIONS

Discarded product is not a hazardous waste under RCRA, 40 CFR 261.

SECTION 14. TRANSPORTATION INFORMATION

UN Number: None

UN Proper Shipping Name: None

Transport Hazard Class (es): Packing group: None

Environmental Hazards: Not an Environmentally Hazardous Substance or Marine Pollutant

ADR/RID Transport Information: Not dangerous for transport under ADR/RID, IMO and IATA/ICAO regulations.

ADR/RID Class: None Allocated

ADR/RID Packing Group: None Allocated

IMDG Hazard Class: None Allocated

IMDG Packing Group: None Allocated

ADNR Class: None Allocated

ADNR Item: None Allocated

IATA Hazard Class: None Allocated

IATA Packing Group: None Allocated

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

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SECTION 15. REGULATORY INFORMATION

TSCA (TOXIC SUBSTANCE CONTROL ACT):

Components of this product are not listed on the TSCA inventory.

CERCLA (Comprehensive Environmental Response, Compensation and Liability Act): Not listed.

SARA TITLE III (Superfund Amendments And Reauthorization Act): Not Listed.

California Proposition 65: Not listed

SECTION 16. OTHER INFORMATION:

Revision Summary: All Sections: New GHS Format

SDS DATE REVISED: 10/26/2015

NFPA/HMIS III Ratings: Health: 1 Flammability: 1 Reactivity: 0

Refer to NFPA 704 "Identification of the Fire Hazards of materials" for further information.

HMIS III®

Health	1
Flamability	1
Physical Hazard	0
Personal Protection	B

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