



Material Safety Data Sheet

PolyRite

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Liquid PHPA **Product**
Identifier Liquid PHPA
MSDS No. 002
Supplier DrilRite – Chem LLC 702 Blackjack St Winnsboro, TX 75494

Emergency Contact DrilRite-Chem LLC **903-262-0078**

2. HAZARDS IDENTIFICATION

Emergency Overview Viscous Off-white liquid. Slight odour. Material is extremely slippery, use caution!

Potential Health Effects

Inhalation Can irritate the nose and throat.
Skin Contact Causes mild irritation.
Eye Contact May cause mild irritation.
Ingestion Can irritate the mouth, throat and stomach. **Effects of Long-Term (Chronic) Exposure** None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Registry No.	Concentration %	Other Identifiers
Copolymer emulsion	Copolymer emulsion	100	

4. FIRST AID MEASURES

First Aid Procedures

Inhalation

Skin Contact Move victim to fresh air. Call a Poison Centre or doctor if the victim feels unwell.

Eye Contact Wash gently and thoroughly with lukewarm, gently flowing water and non-abrasive soap for 5 minutes. Call a Poison Centre or doctor if the victim feels unwell.
Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. If a contact lens is present, DO NOT delay flushing or attempt to remove the lens. If irritation or pain persists, see a doctor.

Ingestion Have victim rinse mouth with water. NEVER give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. DO NOT INDUCE VOMITING. Immediately call a Poison Centre or doctor.

Note to Physicians Treat symptomatically.

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5. FIRE FIGHTING MEASURES

Flammable Properties Can ignite if strongly heated.

Suitable Extinguishing Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog. **Media**

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Specific Hazards Arising from the Chemical This product presents no unusual hazards in a fire situation.

Protective Equipment and Precautions for Firefighters Fight fire from a safe distance or a protected location. A full-body encapsulating chemical protective suit with positive pressure SCBA may be necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Use the Personal Protective Equipment recommended in Section 8 of this MSDS. Eliminate all ignition sources. Use grounded, explosion-proof equipment.

Environmental Precautions It is good practice to prevent releases into the environment. Do not allow into any sewer, on the ground or into any waterway.

Methods for Containment and Clean-up Stop or reduce leak if safe to do so. Place used absorbent into suitable, covered, labelled containers for disposal. **Clean-up**

7. HANDLING AND STORAGE

Handling Avoid generating vapours or mists. Wear personal protective equipment to avoid direct contact with this chemical.

Storage Store in an area that is: dry, well-ventilated. Keep from freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls Use a local exhaust ventilation and enclosure, if necessary, to control amount in the air.

Personal Protective Equipment (PPE)

Eye/Face Protection Wear chemical safety goggles.

Skin Protection Wear chemical protective clothing e.g. gloves, aprons, boots.

Respiratory Protection Wear a NIOSH approved air-purifying respirator with an appropriate cartridge.

General Hygiene Considerations It is good practice to: avoid breathing product; avoid skin and eye contact and wash hands after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State Liquid

Appearance Viscous Off-white liquid.

Particle Size

Odour

Odour Threshold

Molecular Formula

Molecular Weight

Boiling Point

Decomposition Temperature

Melting Point

Freezing Point

Relative Density (water = 1)

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Bulk Density

Not available

Solubility in Water

Solubility in Other Liquids Not available

Slight

Not available

Not available

Not available

212 °F (100 °C)

Not available

Not available

Not
available

ble

0.9 -

1.0

Not
available

Soluble.

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pH	8 - 9
Partition Coefficient, nOctanol/Water	Not available
Viscosity-Kinematic	Not available
Surface Tension	Not available
Vapour Pressure	Not available
Vapour Pressure at 50 deg C	Not available
Saturated Vapour Concentration	Not available
Critical Temperature	Not available
Vapour Density (air = 1)	Not available
Evaporation Rate	Not available
Flash Point	> 212 °F (100 °C)
Lower Flammable/Explosive Limit	Not available
Upper Flammable/Explosive Limit	Not available
Auto-ignition Temperature	Not available
	Not available
Electrical Conductivity	Not available

10. STABILITY AND REACTIVITY

Chemical Stability	Normally stable. Conditions
to Avoid	Freezing.
Incompatible	None known.
Materials	
Hazardous	None known.
Decomposition	
Products	

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Possibility of Hazardous polymerization will not occur.

Hazardous Reactions

11. TOXICOLOGICAL INFORMATION

LC50: No information was located.

LD50 (oral): No information was located.

LD50 (dermal): No information was located. **Carcinogenicity**

IARC: Group 3 – Not classifiable as to its carcinogenicity to humans.

NTP: Not specifically listed.

OSHA: Not specifically listed.

No information was located for: Skin Irritation / Corrosion, Eye Irritation / Corrosion, Effects of Short-Term (Acute) Exposure, Effects of Long-Term (Chronic) Exposure, Respiratory and/or Skin Sensitization, Teratogenicity / Embryotoxicity, Reproductive Toxicity, Mutagenicity, Toxicologically Synergistic Materials

12. ECOLOGICAL INFORMATION

General Comments No ecotoxicity data is available. This product is not expected to present an environmental hazard.

13. DISPOSAL CONSIDERATIONS

Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction.

14. TRANSPORT INFORMATION

Shipping Information

Not regulated under Canadian TDG Regulations. Not regulated under US DOT Regulations.

Other Transport Information Special

Shipping Information Not applicable

15. REGULATORY INFORMATION

Canada

WHMIS Classification

Not a WHMIS controlled product.

USA

US OSHA Regulatory Status

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). **Toxic Substances Control Act (TSCA) Section 8(b)** Yes.

16. OTHER INFORMATION

Date of Preparation April 09, 2013

Disclaimer This Health and Safety information is correct to the best of our knowledge and belief at the date of its publication, but we cannot accept liability for any loss, injury or damage which may result from its use. We shall ensure, so far as is reasonably practicable, that any revision of this Data Sheet is sent to all customers to whom we have directly supplied this substance, but must point out that it is the responsibility of any intermediate supplier to ensure that such revision is passed to the ultimate user. The information given in the Data Sheet is designed only as guidance for safe handling, storage, and the use of the substance. It is not a specification nor does it guarantee any specific properties. All chemicals should be handled only by competent personnel, within a controlled environment. Should further information be required, this can be obtained through the sales office whose address is at the top of this data sheet.

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