



## MATERIAL SAFETY DATA

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### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : **Super Mud**  
SYNONYMS : Anionic polyacrylamide in water-in-oil emulsion  
CHEMICAL FAMILY : Anionic polyacrylamide copolymer  
MOLECULAR FORMULA : Mixture  
MOLECULAR WEIGHT : Mixture

PDSCo, P.O. BOX 507, WEST SHARP STREET, EL DORADO, AR 71730 USA  
EMERGENCY PHONE: For emergency call PDSCo: 1 (800) 243-7455

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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

OSHA REGULATED COMPONENTS				
COMPONENT	CAS. NO.	%	TWA/CEILING	REFERENCE
Petroleum distillate	064742-47-8	24	400 ppm	OSHA
Hydrotreated light				

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### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

APPEARANCE AND ODOR : White, viscous, opaque liquid; slight hydrocarbon odor  
STATEMENTS OF HAZARD : WARNING! MAY CAUSE SKIN IRRITATION  
IMPORTANT! SPILLS OF THIS PRODUCT ARE VERY SLIPPERY WHEN WET

#### POTENTIAL HEALTH EFFECTS

##### EFFECTS OF OVEREXPOSURE:

Acute oral (rat) LD50 and acute dermal (rabbit) LD50 of > 10 ml/kg. Direct contact with this material may cause minimal eye and moderate skin irritation.

Refer to Section 11 for toxicology information on the OSHA regulated components of this product.

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### 4. FIRST AID MEASURES

In case of skin contact, wash affected areas of skin with soap and water. Do not reuse clothing without laundering.

In case of eye contact, immediately irrigate with plenty of water for 15 minutes.

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### 5. FIRE FIGHTING MEASURES

#### FLAMMABLE PROPERTIES

FLASH POINT : >200<sup>0</sup>F (>93.3<sup>0</sup>C) METHOD : Pensky-Martens Closed Cup  
FLAMMABLE LIMITS  
(% BY VOL) : Not applicable  
AUTOIGNITION TEMP : Not available  
DECOMPOSITION TEMP : Not available

#### EXTINGUISHING MEDIA AND FIRE FIGHTING INSTRUCTIONS

Use water spray, carbon dioxide or dry chemical to extinguish fires. Use water to keep containers cool. Wear self-contained, positive pressure breathing apparatus and full fire-fighting protective clothing. See Section 8 (Exposure Controls/Personal Protection) for special protective clothing.

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## 6. ACCIDENTAL RELEASE MEASURES

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Cover spill with some inert absorbent material; sweep up and place in waste disposal container. Flush area thoroughly with water. Residual may be very slippery. If slipperiness remains, apply more dry-sweeping compound.

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## 7. HANDLING AND STORAGE

Avoid contact with skin. Wash thoroughly after handling. To avoid product degradation and equipment corrosion, do not use iron, copper, or aluminum container or equipment. OSHA regulations (29 CFR 106.a.14), require that the flashpoint of materials of this type be determined by the Pensky-Martens Closed Tester method. The test for this product indicated it has flash point at >200°F (93.3°C); therefore, caution should be exercised in storage and handling.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### ENGINEERING CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT (PPE)

Engineering controls are not usually necessary if good hygiene practices are followed. Before eating, drinking, or smoking, wash face and hands thoroughly with soap and water. Avoid unnecessary skin contact. Impervious gloves are recommended to prevent prolonged skin contact. For operations where eye or face contact can occur, eye protection is recommended.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR	:	White, viscous, opaque liquid; slight hydrocarbon odor.
BOILING POINT	:	~ 347°F; ~ 175°C (value for oil phase)
MELTING POINT	:	0°F; -18°C
VAPOR PRESSURE	:	Not available
SPECIFIC GRAVITY	:	1.0
VAPOR DENSITY	:	Not available
% VOLATILE (BY WT)	:	~ 70
pH	:	Not available
SATURATED IN AIR (BY VOL)	:	Not available
EVAPORATION RATE	:	<1 (Butyl Acetate = 1)
SOLUBILITY IN WATER	:	Appreciable

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## 10. STABILITY AND REACTIVITY

STABILITY	:	Stable
CONDITIONS TO AVOID	:	None known
POLYMERIZATION	:	Will not occur
CONDITIONS TO AVOID	:	None known
INCOMPATIBLE MATERIALS	:	Strong oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS	:	Thermal decomposition or combustion may produce carbon monoxide, carbon dioxide, ammonia, and/or oxides or nitrogen.

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## 11. TOXICOLOGICAL INFORMATION

Toxicological information on the OSHA regulated components of this product is as follows:

Acute overexposure to petroleum distillate vapors may cause eye and throat irritation. On direct skin contact, petroleum distillate may produce a severe skin irritation.

**12. ECOLOGICAL INFORMATION**

No aquatic LC50, BOD, or COD data available.  
 OCTANOL/H<sub>2</sub>O PARTITION COEF: Not available

**13. DISPOSAL CONSIDERATIONS**

Disposal must be made in accordance with applicable governmental regulations.

**14. TRANSPORT INFORMATION**

	<b>D.O.T SHIPPING INFORMATION</b>	<b>IMO SHIPPING INFORMATION</b>
SHIPPING NAME :	Not applicable/Not Regulated	Not applicable/Not Regulated
HAZARD CLASS/ PACKING GROUP :	Not applicable	Not applicable
UN NUMBER :	Not applicable	Not applicable
IMDG PAGE :	Not applicable	Not applicable
D.O.T HAZARDOUS SUBSTANCES :	(Product Reportable Quantity) Not applicable	Not applicable
TRANSPORT LABEL REQUIRED :	None required	None required
	<b>ICAO/IATA</b>	<b>TRANSPORT CANADA</b>
SHIPPING NAME :	Not applicable	Not applicable
HAZARD CLASS :	Not applicable	Not applicable
SUBSIDIARY CLASS :	Not applicable	Not applicable
UN / ID NUMBER :	Not applicable	Not applicable
PACKING GROUP :	Not applicable	Not applicable
TRANSPORT LABEL REQUIRED :	None required	None required
PACKING INSTRUCTIONS :	Passenger Not applicable Cargo Not applicable	Not applicable
MAX NET QTY :	Passenger Not applicable Cargo Not applicable	Not applicable
	<b>ADDITIONAL TRASPOT INFORMATION</b>	
TECHNICAL NAME (N.O.S.) :	Not applicable	

**15. REGULATORY INFORMATION**

**INVENTORY INFORMATION**

- US TSCA : This product is manufactured in compliance with all provisions of the Toxic Substances control Act, 15 U.S.C.
- CANASA DSL : Components of this product have been reported to Environment Canada in accordance with subsection 25 of the Canadian Environmental Protection Act and are included on the Domestic Substances List.
- EEC EINECS : All components of this product are included on the European Inventory of Existing Chemical Substances [EINECS] in compliance with Council Directive 67/548/EEC, Amended 79/831/EEC.

**OTHER ENVIRONMENTAL INFORMATION**

The following components are defined as toxic chemicals subject to reporting requirements of Section 313 of Title III and of 40 CFR 372 or subject to other EPA regulations.

COMPONENT	CAS. NO.	%	TPQ(lbs)	RQ (lbs)	S313	RCRA	TSCA 12B
This product does not contain any components regulated under these sections of the EPA							

PRODUCT CLASSIFICATION UNDER SECTION 311 OF SARA
Not applicable under SARA TITLE III

**16. OTHER INFORMATION**

**NFPA HAZARD RATING (National Fire Protection Association)**

- Fire : FIRE : Materials that must be preheated before ignition can occur.
- 1 HEALTH : Materials which on exposure under fire conditions would offer
- Health 0 0 Reactivity no hazard beyond that of ordinary combustible material.
- REACTIVITY : Materials which in themselves are normally stable, even under
- Special fire exposure conditions, and which are not reactive with water.

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