



Prairie Mud Service Ltd.

"Serving Western Canada with 24 Hour Drilling Mud Service"

MSDS (Material Safety Data Sheet)

SECTION I: IDENTIFICATION OF PRODUCT

COMPANY: **Prairie Mud Service** DATE: Nov 6/09
738 6th Street PHONE: 306-634-3411
Estevan, SK S4A 1A4 FAX: 306-634-6694

PRODUCT NAME: **P-40 Defoamer**

PRODUCT USE: Oilfield defoamer/Cleaning Compound
Linear Alkylbenzene Sulfonate,
CHEMICAL FAMILY: Sodium Salt CAS#: 25155-30-0

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: D.2B
WORKPLACE HAZARD: Sodium Dodecylbenzene Sulfonate

TRANSPORTATION OF DANGEROUS GOODS (TDG)

PROPER SHIPPING NAME: Not regulated under TDG (Canada)
TDG CLASSIFICATION: Not applicable
UN NUMBER (PIN): Not applicable
PACKING GROUP: Not applicable

SECTION II: HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>PERCENT</u>	<u>CAS NUMBER</u>	<u>LD₅₀Oral-Rat</u>	<u>LC₅₀Inhal-Rat</u>	<u>ACGIH-TLV</u>
Sodium Dodecylbenzene		25155-30-0	438 mg/kg	1330 mg/kg	Not Available

SECTION III: HEALTH HAZARDS

ROUTE OF ENTRY: EYE CONTACT SKIN INHALATION INGESTION
EYE CONTACT: Very hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.
SKIN CONTACT: Very slightly hazardous in case of skin contact.
INGESTION: No data available.
INHALATION: Vapours are highly irritating to eyes, nose and respiratory system.
CARCINOGENICITY: No information available.
TERATOGENICITY: No information available.



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REPRODUCTIVE TOXICITY: No information available.
MUTAGENICITY: No information available.
SYNERGISTIC PRODUCTS: No information available.

SECTION IV: FIRST AID MEASURES

EYE CONTACT: In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. COLD water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

SKIN CONTACT: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. COLD water may be used. Get medical attention immediately.

HAZOURDOUS SKIN CONTACT: Wash with a disinfectant soap and cover contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

INGESTION: DO NOT induce vomiting. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

SECTION V: PHYSICAL DATA

APPEARANCE AND ODOUR: Off white solid with a mild odor.
SPECIFIC GRAVITY: 1.1
BOILING POINT (°C): Not applicable
MELTING POINT (°C): Not applicable
SOLUBILITY IN WATER: Easily soluble in cold water, hot water, methanol, diethyl ther. pH : 6.5 (acidic) (1% soln/water)
Insoluble in n-octanol.

PERCENT VOLATILE BY VOLUME: Not available
EVAPORATION RATE: Not available
VAPOUR PRESSURE (mmHg): Not available
VAPOUR DENSITY (air = 1) Not available



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SECTION VI: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	>200°F-Pensky-Martens Closed Cup
FLAMMABLE LIMITS:	Not available
EXTINGUISHING MEDIA:	SMALL FIRE Use DRY chemical powder LARGE FIRE Use water spray, fog or foam. DO NOT use water jet.
SPECIAL FIRE FIGHTING PROCEDURES:	WARNING! 800ppm of hydrogen sulfide, which may not be liberated by thermal decomposition, can be fatal in 30 minutes.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	As with any organic material combustion with produce carbon dioxide and probably carbon monoxide.

SECTION VII: REACTIVITY DATA

STABILITY:	STABLE [XX]	UNSTABLE []
INCOMPATIBILITY (CONDITIONS TO AVOID):	Not available.	
CONDITIONS OF REACTIVITY:	Reactive with oxidizing agents. Slightly reactive to reactive with reducing agents, metals, acids.	
HAZARDOUS DECOMPOSITION PRODUCTS:	When heated to decomposition may emit oxides of carbon, sodium and sulfur. As well as hydrogen sulfide, acridic smoke and fumes.	
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR [XX] MAY OCCUR []	

SECTION VIII: PREVENTATIVE MEASURES

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:	Dust respirator. Be sure to use an approved/certified respirator or equivalent.
VENTILATION:	Local – preferable; Mechanical – acceptable. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
PROTECTIVE GLOVES:	Impervious gloves.
EYE PROTECTION:	Chemical safety goggles.
OTHER PROTECTIVE EQUIPMENT (Specify):	Impervious apron and boots, eye bath and shower located near chemical area.



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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep container tightly closed. Keep container in a cool, well-ventilated area. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk; evaporate the residue under a fume hood. Ground all equipment containing material. Keep away from incompatibles such as oxidizing agents.

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

SMALL SPILL: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

LARGE SPILL: Use a shovel to put the material into a convenient waste disposal authority.

WASTE DISPOSAL METHOD

Dispose of waste materials in an approved incinerator or waste treatment/disposal facility in accordance with applicable regulations. Do not dispose of wastes in local sewer or with normal refuse.

SECTION IX: PREPARATION

THE INFORMATION CONTAINED HEREIN IS GIVEN IN GOOD FAITH,
BUT NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE.

DATE ISSUED: November 6, 2009

SUPERSEDES: July 24, 2007

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