

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER: **LIQUIPAC**

OTHER MEANS OF IDENTIFICATION: None

RECOMMENDED USE: Drilling fluid additive

RESTRICTIONS ON USE: None

SUPPLIER IDENTIFIER: **Prairie Mud Service**
738 6th Street
Estevan, SK S4A 1A4
306-634-3411

EMERGENCY PHONE NUMBER: 306-634-3411(24 hr)

SECTION 2: HAZARD IDENTIFICATION

CLASSIFICATION: Not classified according to Part 2 of HPR.

LABEL SYMBOLS: Not applicable

SIGNAL WORD: Not applicable

HAZARD STATEMENTS: Not applicable

OTHER HAZARDS: Spills create extremely slippery surfaces.

PRECAUTIONARY STATEMENTS: Not applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
Distillates (petroleum), hydrotreated light	64742-47-8	30 - 40% (w/w)

SECTION 4: FIRST AID MEASURES

SKIN CONTACT: Remove contaminated clothing and wash exposed skin thoroughly with water and soap. If irritation develops and persists obtain medical attention.

EYE CONTACT: Immediately flush with gently flowing warm water for 15 minutes. If irritation persists, obtain medical attention.

INGESTION: Do not induce vomiting unless directed to do so by medical personnel. Rinse mouth and give 2 glasses of water. Obtain medical attention. Never give anything by mouth if patient is unconscious, rapidly losing consciousness or convulsing.

INHALATION: Move to fresh air. Apply oxygen or artificial respiration if required. If breathing difficulties or distress continues obtain medical attention.

MOST IMPORTANT SYMPTOMS / EFFECTS: No known effects.

IMMEDIATE MEDICAL ATTENTION / SPECIAL TREATMENT: Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:	Carbon dioxide, dry chemical, foam or water spray.
UNSUITABLE EXTINGUISHING MEDIA:	None.
SPECIFIC FIRE HAZARDS:	None known.
HAZARDOUS COMBUSTION PRODUCTS:	Not available.
SPECIAL PROTECTIVE EQUIPMENT & PRECAUTIONS:	Self-contained breathing apparatus required for fire-fighting personnel. Move from fire area or cool with water spray if possible.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Use appropriate safety equipment. Product is very slippery; clean up spills immediately to prevent slip hazard. Avoid all bodily contact with spilled material. Stop leak if possible, to do so without risk.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Small spills; soak up with absorbent material. Large spills, dike to contain spill to prevent water pollution. Collect uncontaminated material for repackaging. Collect contaminated material and absorbents in approved containers for disposal. Do not allow material to enter sanitary sewers, storm sewers or storm water inlets.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Practice reasonable caution and personal cleanliness. Launder exposed clothing before reuse. Avoid skin and eye contact. Wear suitable protection for eyes and skin when handling. Open containers slowly. Electrically ground/bond during pumping or transfer to avoid static accumulation. Keep container tightly closed when not in use.

CONDITIONS FOR SAFE STORAGE & INCOMPATIBILITIES

Store unused material in original container. Store in a cool, dry, well-ventilated place away from incompatibles. Follow all SDS/label precautions even after container is emptied because they may retain product residues.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS:	No product or ingredient information available.
ENGINEERING CONTROLS:	Not required for normal conditions of use.
PERSONAL PROTECTIVE MEASURES	
RESPIRATORY PROTECTION:	Not required under normal conditions of use.
PROTECTIVE GLOVES:	Rubber or viton gloves recommended.
EYE PROTECTION:	Safety glasses with side-shields or chemical goggles.
OTHER PROTECTIVE EQUIPMENT (SPECIFY):	Ensure eye-wash station and emergency shower are available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Beige liquid suspension
ODOUR:	Slight petroleum odour
ODOUR THRESHOLD:	Not available
pH:	3.5 – 6.5
MELTING POINT / FREEZING POINT:	Not available
BOILING POINT / RANGE:	Not available
FLASH POINT:	>125°C (based on ingredient information)
EVAPORATION RATE:	Not available
FLAMMABILITY:	Not available
FLAMMABILITY / EXPLOSIVE LIMITS:	Not available
VAPOUR PRESSURE:	Not available
VAPOUR DENSITY:	Not available
RELATIVE DENSITY:	Not available
SOLUBILITY:	Forms gel in water
PARTION COEFFICIENT:	Not available
AUTO-IGNITION TEMPERATURE:	Not available
DECOMPOSITION TEMPERATURE:	Not available
VISCOSITY:	Not available

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY:	No information available
CHEMICAL STABILITY:	Stable under normal conditions of storage or use.
POSSIBILITY OF HAZARDOUS REACTIONS:	Polymerization will not occur
CONDITIONS TO AVOID:	Keep away from heat, sparks and open flames.
INCOMPATIBLE MATERIALS:	Avoid strong oxidizers and strong reducers.
HAZARDOUS DECOMPOSITION PRODUCTS:	No information available.

SECTION 11: TOXICOLOGICAL INFORMATION

PRODUCT TOXICITY:	Not available
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COMPONENT	LD50 (oral)	LD50 (dermal)	LC50 (inhalation)
Distillates (petroleum), hydrotreated light	>5000 mg/kg (rat)	>2000 mg/kg (rabbit)	Not available

SKIN CONTACT:	May cause irritation including redness and tearing.
EYE CONTACT:	May cause irritation including redness and inflammation.
INGESTION:	Practically non-toxic. May cause nausea, diarrhea and abdominal cramps.
INHALATION:	Not an expected source of exposure. Vapours or mists may cause respiratory tract irritation. Prolonged exposure to high vapour concentration can cause headache, dizziness, nausea, blurred vision and central nervous system depression. Aspiration of product during swallowing or vomiting may cause chemical pneumonitis and/or pulmonary edema.
CARCINOGENICITY:	Not listed by IARC, NTP, ACGIH or OSHA.
TERATOGENICITY:	Not toxic based on available information.

REPRODUCTIVE TOXICITY: Not toxic based on available information.
MUTAGENICITY: Not mutagenic based on available information.
CHRONIC TOXICITY: No information available.
TARGET ORGAN EFFECTS: No information available.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: Not available.
PERSISTENCE AND DEGRADABILITY: Not readily biodegradable.
BIOACCUMULATIVE POTENTIAL: Not likely to bioaccumulate.
MOBILITY IN SOIL: No information available.
OTHER ADVERSE EFFECTS: No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose/incinerate in accordance with federal, state and local regulations. It is the responsibility of the end-user to determine if material meets the criteria of hazardous waste at the time of disposal.

SECTION 14: TRANSPORTATION INFORMATION

UN NUMBER: Not applicable
PROPER SHIPPING NAME: Not applicable
CLASS: Not applicable
PACKING GROUP: Not applicable
IMDG HAZARDS: Not applicable
BULK TRANSPORT: Not applicable
SPECIAL PRECAUTIONS: Not applicable

SECTION 15: REGULATORY INFORMATION

DSL: All ingredients are listed on the DSL.
WHMIS CLASS: Not controlled
TSCA: All ingredients are listed or exempt from listing.

SECTION 16: OTHER INFORMATION

REVISION DATE: May 11, 2018

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