



SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER: **CAN-FREE**
OTHER MEANS OF IDENTIFICATION: None
RECOMMENDED USE: Oilwell drilling fluid additive
RESTRICTIONS ON USE: None
SUPPLIER IDENTIFIER: **Prairie Mud Service**
738 6th Street
Estevan, SK
S4A 1A4
EMERGENCY PHONE NUMBER: 306-634-3411

SECTION 2: HAZARD IDENTIFICATION

CLASSIFICATION: Combustible Liquid – Category 4
Skin irritation – Category 2
Eye Irritation – Category 2A
Carcinogenicity – Category 1B
Aspiration Hazard - Category 1

LABEL SYMBOLS:



SIGNAL WORD:

Danger

CLASSIFICATION INFORMATION:

Combustible liquid.
Causes skin irritation.
Causes serious eye damage.
May cause cancer.
May be fatal if swallowed and enters airways.
Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Wash thoroughly after handling.
Wear protective gloves, clothing and eye protection.
In case of fire: Use CO2, alcohol foam or dry chemical for extinction.
IF SWALLOWED: Immediately call a POISON CENTER or doctor.
Rinse mouth. Do not induce vomiting.
IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.
IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical attention.
If exposed or concerned: Get medical attention.
Store in a well-ventilated place. Store locked up.
Dispose of contents and containers in accordance with local, provincial and/or federal requirements.

PRECAUTIONARY STATEMENTS:

OTHER HAZARDS:

Not available



SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	CONCENTRATION (w/w)
Petroleum distillates	64741-44-2	50%
2-ethylhexanol	104-76-7	10%
Polycyclic Aromatic Hydrocarbons	130498-29-2	Not available

SECTION 4: FIRST AID MEASURES

SKIN CONTACT:	Remove contaminated clothing and footwear. Thoroughly wash affected area with soap and water for 15 minutes. If irritation develops obtain medical attention.
EYE CONTACT:	Immediately flush with gently flowing warm water for minimum 15 minutes or until irritation ceases. Obtain medical attention when flushing period is complete.
INGESTION:	Rinse mouth with water. Do not induce vomiting. If vomiting occurs, keep head below hips to reduce risk of aspiration of vomitus into lungs. Get immediate 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. Obtain immediate medical attention.
MOST IMPORTANT SYMPTOMS/EFFECTS:	May cause severe eye irritation. May cause skin irritation. Aspiration during swallowing or vomiting may cause harm.
IMMEDIATE MEDICAL ATTENTION/SPECIAL TREATMENT:	If swallowed, do not induce vomiting. Get immediate medical attention.

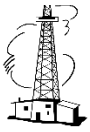
SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:	Carbon dioxide, dry chemical, water spray or foam.
UNSUITABLE EXTINGUISHING MEDIA:	Do not use direct water stream: May spread fire.
SPECIFIC FIRE HAZARDS:	Combustible liquid. Under fire conditions closed containers may rupture or explode.
HAZARDOUS COMBUSTION PRODUCTS:	Oxides of carbon, oxides of sulfur, oxides of nitrogen, hydrocarbons.
SPECIAL PROTECTIVE EQUIPMENT & PRECAUTIONS:	Full protective equipment and self-contained breathing apparatus required for fire-fighting personnel. Remove containers from fire area, or cool with water spray, if possible.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Evacuate area and eliminate ignition sources. Enter area only if wearing appropriate safety equipment. Avoid all bodily contact with spilled material. Stop leak if possible to do so without risk. Dike to prevent spread of spilled material.



METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Small spills; soak up with absorbent material and dispose in approved containers. Large spills; use vacuum to collect spilled material. Recover uncontaminated material for repackaging. Collect contaminated material and absorbents in approved container for disposal. Flush spill area with water. Collect flush water in an approved container for disposal. Do not allow material to enter storm sewers or waterways.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Wear protective equipment when handling this product to prevent eye and skin contact. Wash thoroughly after handling. Avoid ingestion.

CONDITIONS FOR SAFE STORAGE & INCOMPATIBILITIES

Store in a cool area separate from incompatible materials. Store unused material in original container. Keep container tightly closed when not in use. Handle only in area free of ignition sources. Ground containers when transferring material. Empty containers, which have not been cleaned and purged, contain residual hazardous material and should be handled and stored as if full.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

COMPONENT:	CAS #	EXPOSURE LIMIT
Petroleum distillates	64741-44-2	10 mg/m ³ (oil mist)
2-ethylhexanol	104-76-7	Not available
Polycyclic Aromatic Hydrocarbons	130498-29-2	OSHA TWA = 0.2 mg/m ³

ENGINEERING CONTROLS: Local exhaust ventilation, process enclosure or other engineering controls as required to maintain vapour concentration below TLV's. Ensure exhaust system is explosion proof.

PERSONAL PROTECTIVE MEASURES

RESPIRATORY PROTECTION: In absence of proper ventilation, recommend approved respirator with organic vapour/mist cartridges.

PROTECTIVE GLOVES: Viton gloves recommended.

EYE PROTECTION: Chemical goggles recommended.

OTHER PROTECTIVE EQUIPMENT (SPECIFY): Suggest the use of a chemical apron and/or chemical resistant clothing. Ensure eye-wash station and emergency shower are available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Brown liquid
ODOUR:	Petroleum odor
ODOUR THRESHOLD:	Not available
pH:	Not available
MELTING POINT / FREEZING POINT:	Not available
BOILING POINT / RANGE:	Not available
FLASH POINT:	75 – 80°C (based on ingredient information)
EVAPORATION RATE:	Not available
FLAMMABILITY:	Must be heated before ignition.
FLAMMABILITY / EXPLOSIVE LIMITS:	Not available
VAPOUR PRESSURE:	Not available
VAPOUR DENSITY:	Not available
RELATIVE DENSITY:	0.9



SOLUBILITY: Insoluble in water
 PARTITION 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
 POSSIBILITY OF HAZARDOUS REACTIONS: Polymerization will not occur
 CONDITIONS TO AVOID: Heat, sparks or open flames. Contact with incompatible materials.
 INCOMPATIBLE MATERIALS: Strong oxidizers.
 HAZARDOUS DECOMPOSITION PRODUCTS: Not available.

SECTION 11: TOXICOLOGICAL INFORMATION

PRODUCT TOXICITY: Not available

COMPONENT	COMPONENT TOXICITY		
	LD50 ORAL	LD50 DERMAL	LC50 INHALATION
Petroleum distillates	>5000 mg/kg (rat)	>2000 mg/kg (rabbit)	1700 mg/m ³ /4rh (rat)
2-ethylhexanol	2049 mg/kg (rat)	1970 mg/kg (rabbit)	Not available
Polycyclic Aromatic Hydrocarbons	Not available	Not available	Not available

SKIN CONTACT: May cause mild to moderate skin irritation including redness and swelling. May cause more severe response under clothing, gloves, etc. Repeated or prolonged contact may cause dermatitis. Prolonged skin contact with polycyclic aromatic hydrocarbons has been associated with skin and lung tumours, anemia, disorders of the liver, bone marrow and lymphoid tissues.

EYE CONTACT: Severe irritant: May cause redness, inflammation and watering upon contact. High vapour concentrations may cause irritation.

INGESTION: May cause gastrointestinal irritation, nausea, diarrhea and abdominal pain.

INHALATION: May cause irritation of the respiratory tract. Prolonged excessive exposure may cause adverse effects including central nervous system depression. Aspiration in to lungs may occur during swallowing or vomiting, causing lung damage or even death due to chemical pneumonia.

CARCINOGENICITY: May contain polycyclic aromatic hydrocarbons. Polycyclic aromatic hydrocarbons have been associated with the induction of skin and lung tumours, anemia, disorders of the liver, bone marrow and lymphoid tissues.

TERATOGENICITY: No information available.

REPRODUCTIVE TOXICITY: No information available.

MUTAGENICITY: No information available.

CHRONIC TOXICITY: Not available.



TARGET ORGAN EFFECTS: Skin, bone marrow and liver.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: No product or component data available.
PERSISTENCE AND DEGRADABILITY: No information available.
BIOACCUMULATIVE POTENTIAL: No information available.
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. Do not dump into sewer drains, watercourses or on the soil. It is the responsibility of the end-user to determine if material meets the criteria of hazardous waste at the time of disposal. Empty containers, which have not been cleaned and purged, contain residual hazardous material and must be disposed of, or recycled, according to local regulations.

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: B3, D2A, D2B
TSCA: All ingredients are listed or exempt from listing.

SECTION 16: OTHER INFORMATION

REVISION DATE: April 15, 2019