



SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER: **PRAIRIE CAP**
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

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, hydrotreated light | 64742-47-8 | 20-45% (w/w) |
| Alcohols, C ₁₁₋₁₄ -iso-, C ₁₃ rich, ethoxylated | 78330-21-9 | 1 – 5% (w/w) |

SECTION 4: FIRST AID MEASURES

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

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

INGESTION: Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Obtain medical attention if symptoms develop or large quantity is swallowed. 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 significant acute or chronic effects are expected as a result of contact with this product.

IMMEDIATE MEDICAL ATTENTION / SPECIAL TREATMENT: Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, water spray or foam.



| | |
|---|---|
| UNSUITABLE EXTINGUISHING MEDIA: | None known. |
| SPECIFIC FIRE HAZARDS: | While not considered flammable this product may be combustible under fire conditions. |
| HAZARDOUS COMBUSTION PRODUCTS: | Oxides of carbon and oxides of nitrogen. |
| SPECIAL PROTECTIVE EQUIPMENT & PRECAUTIONS: | Self-contained breathing apparatus required for fire-fighting personnel. Move from fire area if possible. |

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Use appropriate safety equipment. Prevent further leakage or spillage if safe to do so. Spills produce extremely slippery surfaces. Keep people away. Do not flush with water.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Collect spilled material by vacuum if possible. Soak up remainder with absorbent material. Collect uncontaminated material for repackaging. Collect contaminated material and absorbent in approved containers for disposal. Wash spill area with thoroughly until non-slippery.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Avoid skin and eye contact. Wash thoroughly after handling. Launder contaminated clothing before reuse. Keep containers closed when not in use.

CONDITIONS FOR SAFE STORAGE & INCOMPATIBILITIES

Store in a cool, dry area away from oxidizers. Keep away from heat and sources of ignition. Slippery when wet.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

| | |
|---------------------------------------|---|
| EXPOSURE LIMITS: | Product and ingredient information is not available. |
| ENGINEERING CONTROLS: | Use local exhaust ventilation, process enclosure or other engineering controls as required to maintain vapour/mist concentration below TLV's. |
| PERSONAL PROTECTIVE MEASURES | |
| RESPIRATORY PROTECTION: | Not required under normal conditions of use. |
| PROTECTIVE GLOVES: | Rubber gloves recommended. |
| EYE PROTECTION: | Safety glasses with side-shields or chemical goggles. |
| OTHER PROTECTIVE EQUIPMENT (SPECIFY): | Although not required, it is suggested an eye-wash station and emergency shower be available where chemical products are handled. |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------------------|-------------------------|
| APPEARANCE: | Blue liquid |
| ODOUR: | Slight aliphatic odour |
| ODOUR THRESHOLD: | Not available |
| pH: | 6.5 – 7.5 (1% solution) |
| MELTING POINT / FREEZING POINT: | Not available |
| BOILING POINT / RANGE: | Not available |
| FLASH POINT: | Not available |
| EVAPORATION RATE: | Not available |
| FLAMMABILITY: | Not applicable |
| FLAMMABILITY / EXPLOSIVE LIMITS: | Not applicable |
| VAPOUR PRESSURE: | Not available |



| | |
|----------------------------|----------------|
| VAPOUR DENSITY: | Not available |
| RELATIVE DENSITY: | 1.0 – 1.1 |
| SOLUBILITY: | Not available |
| PARTION COEFFICIENT: | Not available |
| AUTO-IGNITION TEMPERATURE: | Not applicable |
| DECOMPOSITION TEMPERATURE: | Not available |
| VISCOSITY: | Not available |

SECTION 10: STABILITY AND REACTIVITY

| | |
|-------------------------------------|---|
| REACTIVITY: | Not reactive under normal conditions of storage or use. |
| CHEMICAL STABILITY: | Stable under normal conditions of storage or use. |
| POSSIBILITY OF HAZARDOUS REACTIONS: | Polymerization will not occur |
| CONDITIONS TO AVOID: | Elevated temperatures or fire conditions. |
| INCOMPATIBLE MATERIALS: | Strong oxidizers. |
| HAZARDOUS DECOMPOSITION PRODUCTS: | No information available. |

SECTION 11: TOXICOLOGICAL INFORMATION

| | |
|------------------------|--|
| PRODUCT TOXICITY: | Not available |
| SKIN CONTACT: | Prolonged or repeated contact may cause mild irritation. |
| EYE CONTACT: | May cause slight irritation. |
| INGESTION: | No adverse effects expected from incidental ingestion. |
| INHALATION: | No effects expected under normal conditions of use. |
| CARCINOGENICITY: | No information available. |
| TERATOGENICITY: | No information available. |
| REPRODUCTIVE TOXICITY: | No information available. |
| MUTAGENICITY: | No information available. |
| CHRONIC TOXICITY: | No information available. |
| TARGET ORGAN EFFECTS: | No information available. |

SECTION 12: ECOLOGICAL INFORMATION

| | |
|--------------------------------|---|
| ECOTOXICITY: | No product or ingredient information available. |
| PERSISTENCE AND DEGRADABILITY: | Readily biodegradable. |
| 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. 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

| | |
|-----------------------|----------------|
| TDG: | Not regulated |
| DOT: | Not regulated |
| IATA: | Not regulated |
| IMDG: | Not regulated |
| 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: | November 20, 2017 |
| REPLACES: | None |

The information contained herein is given in good faith, but no warranty, expressed or implied, is made.