



## SECTION 1. IDENTIFICATION

|                            |  |
|----------------------------|--|
| <b>Product Identifier</b>  | Prairie Drill R  |
| <b>Product Family</b>      | Suspension   |
| <b>Recommended Use</b>     | Viscosifier.   |
| <b>Supplier Identifier</b> | Prairie Mud and Chemical Serv., 738 - 6th Street, Estevan, SK, S4A 1A4, 306-634-3411 |
| <b>Emergency Phone No.</b> | CANUTEC, 613-996-6666 or *666 on a cellular phone (Canada Only), 24 Hours / Day      |

## SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015).

### Classification

Skin irritation - Category 2; Serious eye damage - Category 1; Carcinogenicity - Category 1B

### Label Elements



Signal Word:

Danger

Hazard Statement(s):

H315 Causes skin irritation.

H318 Causes serious eye damage.

H350 May cause cancer.

Precautionary Statement(s):

Prevention:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P264 Wash hands and skin thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P308 + P313 IF exposed or concerned: Get medical advice or attention.

P302 + P352 IF ON SKIN: Wash with plenty of water.

P332 + P313 If skin irritation occurs: Get medical advice or attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTRE or doctor.

Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents and container in accordance with local, regional, national and international regulations.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                    | CAS No.     | %       | Other Identifiers | Other Names |
|----------------------------------|-------------|---------|-------------------|-------------|
| Adipic acid                      | 124-04-9    | 1 - 5   |                   |             |
| Polycyclic Aromatic Hydrocarbons | 130498-29-2 | 0.1 - 1 |                   |             |

#### Notes

Concentrations are expressed in % weight/weight.

### SECTION 4. FIRST-AID MEASURES

#### First-aid Measures

##### Inhalation

Move to fresh air. Allow the victim to rest in a well ventilated area. Seek medical attention if irritation develops or persists.

##### Skin Contact

Immediately wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 15-20 minutes. Seek medical attention if irritation develops or persists.

##### Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Seek medical attention if irritation develops or persists.

##### Ingestion

Rinse mouth with water. Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting. Seek medical attention.

#### Most Important Symptoms and Effects, Acute and Delayed

If in eyes:

May cause moderate to severe irritation.

If swallowed:

Can cause a laxative effect.

### SECTION 5. FIRE-FIGHTING MEASURES

#### Extinguishing Media

##### Suitable Extinguishing Media

Carbon dioxide, dry chemical powder or appropriate foam. Fire fighting foam suitable for the situation.

##### Unsuitable Extinguishing Media

None known.

#### Specific Hazards Arising from the Product

Does not burn. Les solutions aqueuses du produit sera produit extrême glissance.

#### Special Protective Equipment and Precautions for Fire-fighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Use water to keep fire-exposed containers cool.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

#### Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

#### Environmental Precautions

Do not allow into any sewer, on the ground or into any waterway. If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas.

#### Methods and Materials for Containment and Cleaning Up

Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal. After cleaning, flush away traces with water. Wet product may create a slipping hazard. Collect washing for disposal.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Only use where there is adequate ventilation. Avoid generating vapours or mists. Prevent heating.

### Conditions for Safe Storage

Store in an area that is: cool, dry, ventilated, out of direct sunlight and away from heat and ignition sources.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

| Chemical Name                    | ACGIH TLV®          |                 | OSHA PEL              |                 | AIHA WEEL       |                 |
|----------------------------------|---------------------|-----------------|-----------------------|-----------------|-----------------|-----------------|
|                                  | TWA                 | STEL            | TWA                   | Ceiling         | 8-hr TWA        | TWA             |
| Adipic acid                      | 5 mg/m <sup>3</sup> | Not established | Not established       | Not established | Not established | Not established |
| Polycyclic Aromatic Hydrocarbons | Not established     | Not established | 0.2 mg/m <sup>3</sup> | Not established | Not established | Not established |

### Appropriate Engineering Controls

General ventilation is usually adequate. Provide eyewash and safety shower if contact or splash hazard exists.

### Individual Protection Measures

#### Eye/Face Protection

Do not get in eyes. Eye contact should be prevented through use of chemical safety glasses with side shields or splash proof goggles.

#### Skin Protection

Chemically resistant gloves should be used. Consideration must be given both to durability as well as permeation resistance.

#### Respiratory Protection

Not normally required if product is used as directed.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

|  |   |
|--|---|
| Appearance                                       | Milky green viscous liquid.                       |
| Odour Threshold                                  | Not available                                     |
| pH   | Not available                                     |
| Melting Point/Freezing Point                     | Not available (melting); Not available (freezing) |
| Initial Boiling Point/Range                      | Not available                                     |
| Flash Point                                      | > 93.3 °C (closed cup)                            |
| Evaporation Rate                                 | Not available                                     |
| Upper/Lower Flammability or Explosive Limit      | Not available (upper); Not available (lower)      |
| Vapour Pressure                                  | Not available                                     |
| Vapour Density (air = 1)                         | Not available                                     |
| Relative Density (water = 1)                     | 1.0823  |
| Solubility                                       | Not available in water                            |
| Partition Coefficient, n-Octanol/Water (Log Kow) | Not available                                     |

### **Auto-ignition Temperature**

Auto-ignition Temperature Not available  
 Decomposition Temperature Not available  
 Viscosity Not available (kinematic)  
 Other Information  
 Physical State Liquid

## SECTION 10. STABILITY AND REACTIVITY

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None known.

### Conditions to Avoid

Open flames, sparks, static discharge, heat and other ignition sources. Material will become very slippery when contacted with water.

### Incompatible Materials

Strong oxidizing agents (e.g. perchloric acid). Acids.

### Hazardous Decomposition Products

Oxides of Carbon.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

| Chemical Name                    | LC50          | LD50 (oral)        | LD50 (dermal) |
|----------------------------------|---------------|--------------------|---------------|
| Adipic acid                      | Not available | > 5000 mg/kg (rat) | Not available |
| Polycyclic Aromatic Hydrocarbons | Not available | Not available      | Not available |

### Skin Corrosion/Irritation

Causes skin irritation.

### Serious Eye Damage/Irritation

Causes serious eye damage.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

No information was located.

### Aspiration Hazard

Not known to be an aspiration hazard. Does not present an aspiration hazard due to kinematic viscosity.

### STOT (Specific Target Organ Toxicity) - Repeated Exposure

No information was located.

### Respiratory and/or Skin Sensitization

Not a respiratory sensitizer. Not a skin sensitizer.

### Carcinogenicity

| Chemical Name                    | IARC       | ACGIH®         | NTP                    | OSHA       |
|----------------------------------|------------|----------------|------------------------|------------|
| Adipic acid                      | Not Listed | Not designated | Not Listed             | Not Listed |
| Polycyclic Aromatic Hydrocarbons | Not Listed | A2             | Reasonably anticipated | Carcinogen |

### Key to Abbreviations

IARC = International Agency for Research on Cancer.

ACGIH® = American Conference of Governmental Industrial Hygienists.

A2 = Suspected human carcinogen.

NTP = National Toxicology Program.

Reasonably anticipated = Reasonably anticipated human carcinogen.

OSHA = US Occupational Safety and Health Administration.

### **Reproductive Toxicity**

#### **Development of Offspring**

No information was located.

#### **Sexual Function and Fertility**

No information was located.

### **Germ Cell Mutagenicity**

No information was located.

## **SECTION 12. ECOLOGICAL INFORMATION**

Environmental information was not located.

## **SECTION 13. DISPOSAL CONSIDERATIONS**

### **Disposal Methods**

Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction.

## **SECTION 14. TRANSPORT INFORMATION**

Not regulated under Canadian TDG regulations.

**Special Precautions** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

## **SECTION 15. REGULATORY INFORMATION**

### **Safety, Health and Environmental Regulations**

#### **Canada**

#### **Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)**

All ingredients are listed on the DSL/NDSL.

#### **USA**

#### **Toxic Substances Control Act (TSCA) Section 8(b)**

All ingredients are listed on the TSCA Inventory.

## **SECTION 16. OTHER INFORMATION**

**SDS Prepared By** Prairie Mud Service

**Phone No.** (306) 634-3411

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**Disclaimer** To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for accuracy or completeness of the information contained herein.