



MATERIAL SAFETY DATA SHEET

PRAIRIEMUL 2901

Section 01 – Product and company information

Identification of the company: Prairie Mud Service
 738 6th Street
 Estevan, Sk
 306-634-3411

Trade name: PRAIRIEMUL 2901
Material number: 280843
Primary product use: Emulsifier

Section 02 - Hazards identification

Classification

WHMIS controlled: yes
Class: B3
 D2B



Health effects of exposure:

Flammable. Irritant to skin and respiratory system. Severe eye irritant, may cause serious eye damage. Vapours may cause dizziness and drowsiness.
 Diesel is expected to show evidence of skin carcinogenic activity based on mutagenic and / or analytical data. Possible risk of irreversible effects.

Section 03 – Composition/information on ingredients

Hazardous ingredients:

Component	CAS number	Concentration
Fuels diesel	68334-30-5	50-80 %

Heavy Catalytic Reformed 64741-68-0 3-15%

Section 04 - First aid measures

After inhalation:

Get victim to fresh air. Give artificial respiration or oxygen if breathing has stopped or is difficult. Get prompt medical attention. Do not give fluids if victim is unconscious.

After contact with skin:

Remove contaminated clothing and wash affected areas with soap and plenty of water for at least 15 minutes. If redness or skin irritation occurs, seek medical attention

After contact with eyes:

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Insure proper irrigation by occasionally lifting upper and lower eyelids. Begin with medical treatment.

After ingestion:

If ingested, do not induce vomiting. Get immediate medical assistance.

Advice to doctor / Treatment:

No specific antidote. Treatment should be directed at control of symptoms and the clinical condition.

Section 5 – Fire Fighting measures

Flashpoint: 52 °C

Extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special fire fighting procedure:
Wear full protective clothing and self-contained breathing apparatus.
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Cool endangered containers with water spray jet.

Unusual fire and explosion hazards: Container explosion may occur under fire conditions.

Hazardous combustion products:
In case of fire hazardous decomposition products may be produced such as: Carbon oxides nitrogen oxides (NOx)

Section 06 - Accidental release measures

Steps to be taken in case of spill or leak:

Wear prescribed protective equipment. Eliminate all ignition sources. Contain spill. Use explosion-proof equipment to ventilate the area and to pump the spill into appropriate containers. Smaller spill may be recovered by using an inert absorbent. May cover the spill with appropriate foam to hinder the formation of explosive vapors. Wash the spill area.

Section 07 – Handling and storage

Advice on safe handling:

Keep away from heat, sparks and open flames. - Avoid breathing vapors or contact with skin, eyes, and clothing.- Use only with adequate ventilation and proper protective eyewear, face shield, gloves and clothing. Wash thoroughly after handling. Keep container closed.

Further info on storage conditions:

Keep container tightly closed in a cool, well-ventilated place, open and handle carefully. Keep away sources of ignition.

Section 08 – Exposure controls/ personal protection

Occupational exposure limits:

Component	CAS numbe	Regulatory list	Type of value	Value 1	Value 2
Diesel fuel	68334-30-5	US. Threshold Limit Values (TLV) for Chemical Substances in the Work Environment Adopted Values	8-hour, time-weighted average		100 mg/m3

Respiratory protection: Wear an approved respirator when exposed to vapours or to mists beyond the TLV. Use appropriate filters. Do not exceed filters limitations. TLV = Threshold Limit Value

Hand protection: Butyl Rubber, PVC or Neoprene

Eye protection: Chemical goggles. Do not wear contact lenses.

Other protective equipment: Wear clothing suitable to avoid skin contact.

Section 09 - Physical and chemical properties

Form: Liquid

Color: Clear, amber

pH: not applicable

Density: 0.868 - 0.900 g/cm³

Section 10 - Stability and reactivity

Chemical stability: Stable

Hazardous Polymerization: no
Conditions to avoid: None known.

Incompatibility with (Conditions to avoid) : Keep away from heat, sparks, and open flame.

Section 11 - Toxicological information

Skin irritation: Severe skin irritation
The product has not been tested. The information is derived from the properties of the individual components.

Eye irritation: corrosive
The product has not been tested. The information is derived from the properties of the individual components.

Section 12 - Ecological information

Product information:

Remarks:
The product should not be allowed to enter drains, water courses or the soil. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Section 13 - Disposal considerations

Waste disposal information:
Wastes may be incinerated or landfilled after solidification in approved sites. Follow local regulations.

Section 14 - Transport information

TDG

Proper shipping name:	Flammable liquid, n.o.s.
Class:	3
Packing group:	III
UN/ID number:	UN 1993
Primary risk:	3
Remarks:	Shipment permitted
Hazard inducer(s):	Diesel

IATA

Proper shipping name:	Flammable liquid, n.o.s.
Class:	3
Packing group:	III
UN/ID number:	UN 1993
Primary risk:	3
Remarks:	Shipment permitted
Hazard inducer(s):	Diesel

IMDG

Proper shipping name:	Flammable liquid, n.o.s.
Class:	3
Packing group:	III
UN no.:	UN 1993
Primary risk:	3
Hazard inducer(s):	Diesel
EmS:	F-E S-E

Section 15 - Regulatory information

Registration status

DSL:	yes
NDSL:	no

All components of the product are listed on the DSL/Canada.

CEPA

Listed as priority substance: no
Listed as toxic substance: no

NPRI	no
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Section 16 - Other information

Date Prepared: May 2, 2019 by Prairie Mud Service

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