



Prairie Mud Service

738-6th St. Estevan, SK Ph: 1-306-634-3411

MSDS

(Material Safety Data Sheet)

PRAIRIEMUL 854-K

SECTION I: PRODUCT INFORMATION

Product Identifier → PRAIRIEMUL 854-K

Product Use → Secondary Oil Mud Emulsifier

Manufacturer's Name & Address →

Prairie Petro-Chem

738 – 6th Street **EMERGENCY #**

Estevan, SK Ph: 306-634-5808

S4A 1A4 Fx: 306-634-6694

Product Identification Number (PIN) →

Class 3, UN1993, P.G. III

See Section VII "Special Shipping Information".

WHMIS Classification Symbols→



WHMIS Classification → B-2, D-2A, D-2B

SECTION II: HAZARDOUS INGREDIENTS

Component → DIESEL FUELS

CAS No.	wt%	ACGIH OSHA OTHER			HAZARD
		TLV	PEL	LIMIT	
68334-30-5	15-40	5mg/m3 TWA	N/D	N/D	Combustible

LD₅₀ (Oral, rat) → 7500 mg/kg

LD₅₀ (Dermal, rabbit) → >5ml/kg

LC₅₀ (Inhalation, rat) → N/D

Component → SURFACTANT BLEND

wt% → 40-70

CAS No.

----- New Jersey Trade Secret # 136411-5931P -----

----- New Jersey Trade Secret # 136411-5123P -----

----- New Jersey Trade Secret # 136411-5209P -----

*No Data Available for LD₅₀ and LC₅₀ levels.

Component → LIGHT AROMATIC SOLVENT NAPHTHA

ACGIH OSHA Other

CAS No.	wt%	ACGIH OSHA Other			HAZARD
		TLV	PEL	LIMIT	
64742-95-6	3-7	N/D	N/D	N/D	Combustible

LD₅₀ (Oral, rat) → 8,400 mg/kg

*No Data Available for dermal LD₅₀ and LC₅₀ levels.

Component → PROPYLENE GLYCOL

ACGIH -TLV OSHA OTHER

CAS No.	wt%	ACGIH -TLV OSHA OTHER			HAZARD
		TWA	STEL	PEL	
57-55-6	1-5	N/D	N/D	N/D	None

LD₅₀ (Oral, rat) → 20,000 mg/kg

LD₅₀ (Dermal, rabbit) → 20,800 mg/kg

LC₅₀ (Inhalation, rat) → N/D

Component → BUTANOL

ACGIH OSHA Other

CAS No.	wt%	ACGIH OSHA Other			Hazard
		TLV	PEL	Limit	
71-36-3	1-5	50ppm ceiling(skin)	100ppm TWA(8h)	N/D	Flammable; Toxic

LD₅₀ (Oral, rat) → 790 mg/kg

LD₅₀ (Dermal, rabbit) → 3,400 mg/kg

LC₅₀ (Inhalation, rat) → 8,000 ppm for 4 hours

Component → NAPHTHALENE

ACGIH OSHA Other

CAS No.	wt%	ACGIH OSHA Other			Hazard
		TLV	PEL	Limit	
91-20-3	0.1-1	10ppm TWA(skin)	10ppm TWA(8h)	N/D	Flammable; Toxic

LD₅₀ (Oral, rat) → 490 mg/kg

LD₅₀ (Dermal, rabbit) → >20,000 mg/kg

LC₅₀ (Inhalation, rat) → >340 mg/m³/1hr

SECTION III: PHYSICAL DATA

Physical State (Gas, Liquid, Solid) → Liquid

Odour and Appearance → Transparent Brown Liquid;
Aromatic Odour

Odour Threshold → N/D

Vapour Pressure mmHg @20°C → N/D

Vapour Density → >1

Evaporation Rate → N/D (Butyl Acetate=1)

Boiling Point @760mmHg → N/D

Freezing Point °C → -40

pH → N/A

Specific Gravity @20°C → 0.930 – 0.945

Solubility in water @20°C, wt. % → Insoluble

SECTION IV: FIRE OR EXPLOSION HAZARD

Flash Point → >38°C – Pensky-Martens Closed Cup

Upper Explosive Limit (% by Volume) → N/D

Auto-Ignition Temperature → N/D

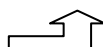
Lower Explosive Limit (% by Volume) → N/D

Extinguishing Media → Alcohol or polymer foam for large fires. Carbon dioxide or dry chemical for small fires.

Fire Fighting Procedures → Use self-contained breathing apparatus with full facepiece operated in pressure demand or other positive pressure mode. Addition of water to burning fuel will reduce the intensity of the flame.

Hazardous Combustion Products → CO, CO₂

Unusual Fire and Explosion Hazards → At elevated temperatures, vapours can form an ignitable mixture with air. Vapours can flow along surfaces to distant ignition sources and flash back.





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SECTION VIII: FIRST AID MEASURES

(Continued)

In Contact With Eyes – Flush eyes thoroughly with water for 20 minutes, holding eyelids open. Obtain medical attention immediately.

Ingested – DO NOT induce vomiting. If victim is alert and not convulsing, give large amounts of water to dilute material. IMMEDIATELY transfer victim to an emergency centre.

SECTION IX: PREPARATION INFORMATION

Prepared By → Product Safety Committee
(WHMIS Division)

Preparation Date → December 22, 2009

The above information is supplied as a customer service and is provided in good faith. Although it has been based on data drawn from sources deemed to be reliable, Prairie Mud Service cannot guarantee its accuracy and assumes no responsibility for conditions resulting from its use.

END OF MSDS

KEY TO ABBREVIATIONS

N/D – No Data Available

LD₅₀ – Lethal Dose

N/A – Not Applicable

LC₅₀ – Lethal Concentration