



Safety Data Sheet

SECTION 1. IDENTIFICATION

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

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Serious eye damage/eye irritation - Category 2A

GHS Label Elements



Signal Word:

Warning

Hazard Statement(s):

Causes serious eye irritation.

Precautionary Statement(s):

Prevention:

Wash hands thoroughly after handling.

Wear eye protection/face protection.

Response:

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 advice/attention.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers
Adipic acid	124-04-9	1 - 5	

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 victim 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 Chemical

Does not burn. Forms slippery compound when mixed with water.

Special Protective Equipment and Precautions for Fire-fighters

The use of self-contained breathing apparatus is recommended for fire fighters. 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 ³	Not established	Not established	Not established	Not established	Not established

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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 brown viscous liquid.
Odour	Faint
Odour Threshold	Not available
pH	3.5 - 6.5
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Initial Boiling Point/Range	256 - 297 °C (493 - 567 °F)
Flash Point	> 93.3 °C (closed cup)
Evaporation Rate	~ 0.1
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)	< 1.05 at 20 °C
Solubility	Dispersible in water
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
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

Smoke on combustion.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Adipic acid	Not available	> 5000 mg/kg (rat)	Not available

Skin Corrosion/Irritation

No information was located.

Serious Eye Damage/Irritation

No information was located.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

No test data found for product.

Skin Absorption

No information was located.

Ingestion

No information was located.

Aspiration Hazard

Not known to be an aspiration hazard.

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

No information was located.

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.

Toxicity

Studies were not located.

Persistence and Degradability

No information was located.

Bioaccumulative Potential

No information was located.

Mobility in Soil

Studies are not available.

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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 for User 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 intentional components of this product are either on the DSL, the confidential DSL or notifications / import restrictions are in place.

USA

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

All ingredients are listed on the TSCA Inventory.

SECTION 16. OTHER INFORMATION

SDS Prepared By Engenium Chemicals

Phone No. 403-279-8545

Date of Preparation June 09, 2015

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 the accuracy or completeness of the information contained herein.