

Safety Data Sheet

Section 1. Identification	
Product Identifier	MCI-2
	Version: 1 Effective Date: 2024/30/07
Other Means Of Identification	None
Initial Supplier Identifier	Blackstone Drilling Fluids Limited 215 9 Ave SW Suite 700 Calgary, AB T2P 1K3 Tel: 403-262-5955
Recommended Use and Restrictions On Use	Drilling Fluid additive. No restrictions.
Product Family	Organic acid
24 Hour Emergency	Canutec (613) 996-6666

Section 2. Hazard Identification	
Hazard Classification	Not hazardous
Health Hazard	Not hazardous
Signal Word	None
Hazard Statement	No known significant effects or critical hazards.
Precautionary Prevention Statement	Not hazardous
Precautionary Response Statement	Not hazardous
Precautionary Storage Statement	Store in well ventilated place.
Precautionary Disposal Statement	Dispose of contents/container to an approved waste disposal plant.
Other Hazards	None

Section 3. Composition / Information on Ingredients			
Chemical Name	Common Name or Synonyms	CAS NO. and Other Unique Identifiers	% by weight
Ingredients are non-hazardous and constitute a proprietary blend.			

Section 4. First-Aid Measures	
Eye Contact	Flush eyes with water for 15 minutes. Seek medical attention.
Skin Contact	Wash with water and soap.

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Inhalation	Remove victim to fresh air. If there is difficulty breathing, seek immediate medical attention.
Ingestion	Rinse mouth with water if conscious. Do not induce vomiting. Lay victim on left side to prevent aspiration of any vomit. Seek immediate medical attention.
Most Important Symptoms and Effects Both Acute and Delayed	Product is not hazardous.
Immediate Medical Attention and Special Treatment	None required.

Section 5. Fire-Fighting Measures	
Suitable and Unsuitable Extinguishing Media	Use extinguishing media suitable for surrounding fire.
Hazardous Combustion Products	Oxides of carbon.
Specific Hazards Arising From the Product	None known
Special Protective Equipment and Precautions For Fire-Fighters	Fire-fighters should wear self-contained breathing apparatus and full protective clothing.

Section 6. Accidental Release Measures	
Personal Precautions, Protective Equipment and Emergency Procedures	Gloves, safety glasses and footwear suitable for workplace. Evacuate all unnecessary personnel.
Environmental Precautions	This material is considered non-hazardous. Large volumes, however should not be allowed to enter the surface water system.
Methods and Materials For Containment and Clean-Up	Mop up spill material. Place in a suitable container for disposal. Wash area with soap and water to remove residues.

Section 7. Handling and Storage	
Precautions For Safe Handling	Handle with care
Conditions For Safe Storage	Keep containers closed when not in use.

Section 8. Exposure Controls and Personal Protection				
Control Parameters	TWA: 8 Hr	STEL: 15 min	Ceiling	IDLH *

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Not determined	
Exposure Controls	Local exhaust ventilation
Appropriate Engineering Controls	Not required.
Individual Protective Measures	
Eye / Face Protection	None required.
Skin Protection	None required.
Respiratory Protection	None required.

Section 9. Physical and Chemical Properties	
Appearance	Off-white powder
Odour	Faint
Odour Threshold	Not data
pH	3.0 (10% solution)
Flash Point	Not available
Boiling Point and Boiling Range	Not data
Melting Point / Freezing point	Not available
Evaporation Rate	Not data
Flammability (solid, gas)	No data
Upper and Lower Flammability or Explosive Limits	No data
Vapour Pressure	Not data
Vapour Density	Not data
Relative Density	No data
Solubility	Soluble in water
Partition co-efficient, n-Octanol/Water	No data
Auto-ignition Temperature	No data
Decomposition Temperature	No data
Viscosity	No data

Section 10. Stability and Reactivity	
Reactivity	Stable.
Chemical Stability	The product is stable
Possibility of Hazardous Reactions	Will not occur
Conditions to Avoid	Elevated temperatures or fire conditions.
Incompatible Materials	Strong oxidisers.
Hazardous Decomposition Products	Not expected to decompose under normal conditions of use.

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Section 11. Toxicological Information	
Component Toxicity	LD50 Oral LD50 Dermal LC50 Inhalation
The ingredients are not hazardous.	
Likely Routes of Exposure	
Skin:	No hazard expected under normal conditions of use.
Eyes:	No hazard expected under normal conditions of use.
Inhalation:	No hazard expected under normal conditions of use.
Ingestion:	Harmful effects not expected in small amounts.
Acute Toxicity Estimates (ATE)	No data
STOT (Specific Target Organ Toxicity) – Single Exposure	No hazard
Aspiration Toxicity	No hazard
STOT (Specific Target Organ Toxicity) – Repeated Exposure	No hazard
Skin Corrosion / Irritation	No hazard
Serious Eye Damage / Irritation	No hazard
Respiratory or Skin Sensitization	None expected
Carcinogenicity	Not listed.
Reproductive Toxicity	
- Sexual Function and Fertility	Not hazardous
- Development of Offspring	Not hazardous
- Effects on or via Lactation	Not hazardous
Germ Cell Mutagenicity	Not hazardous
Interactive Effects	None
Other Information	N/A

Section 12. Ecological Information	
Ecotoxicity	No data
Persistence and Degradability	Expected to be readily biodegradable.
Bioaccumulative Potential	Not expected to bioaccumulate.
Biodegradability	Readily biodegradable.
Mobility in Soil	No data

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Other Adverse Effects	N/A
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Section 13. Disposal considerations

Disposal Considerations	Dispose of contents / container in accordance with local regulations.
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Section 14. Transport Information

UN Number	None
UN Proper Shipping Name	None
Transport Hazard Class(es)	None
Packaging Group	None
Environmental Hazards	Not applicable
Bulk Transport	Not applicable
Special Precaution	Not applicable
DOT Erg#	Not applicable

Section 15. Regulatory Information

Canada – DSL Inventory	All components of this product are on the Domestic Substances List (DSL)
TSCA	All components of this product are on the Toxic Substances Control Act (TSCA) Inventory List
Additional Information	None

Section 16. Other Information

NFPA Rating	Health-0/ Flammability-0/Reactivity-0/Special Hazard-Not applicable
HMIS Rating	Health-0/Flammability-0/Reactivity-0/Personal Protection-See Section 8.
Prepared by:	Blackstone Drilling Fluids , Technical Department
Date Prepared:	2024/30/07
Date of Latest Revision:	