

# Safety Data Sheet

Section 1. Identification	
<b>Product Identifier</b>	BX-005
	<b>Revision: 1</b> <b>Effective Date: 2025/12/16</b>
<b>Initial Supplier Identifier</b>	Blackstone Drilling Fluids Limited 500-215 9 Avenue SW Calgary, AB, T2P 1K3 Tel: 403-262-5955
<b>Recommended Use</b>	Drilling Lubricant
<b>Restrictions on Use</b>	None
<b>Other means of Identification (Product family, synonyms, etc.)</b>	Blend
<b>24 Hour Emergency</b>	Contact 403.262.5955. Restrictions: business hours Monday – Friday 8:00AM-4:00PM MST. After business hours you will be forwarded to an on-call service which may be unreachable.

Section 2. Hazard Identification	
<b>Classification</b>	Non-hazardous
<b>Label Elements</b>	
Symbol(s)	None
Signal Word	None
Hazard Statement(s)	None
Precautionary Prevention Statement(s)	Non-hazardous
Precautionary Response Statement(s)	Non-hazardous
Precautionary Storage Statement(s)	Non-hazardous
Precautionary Disposal Statement(s)	Non-hazardous
<b>Other Hazards</b>	None

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

Section 4. First-Aid Measures	
<b>Inhalation</b>	Remove victim to fresh air. If there is difficulty breathing, seek immediate medical attention.

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<b>Skin Contact</b>	Wash with water and soap.
<b>Eye Contact</b>	Flush eyes with water for 15 minutes. Seek medical attention.
<b>Ingestion</b>	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.
<b>Most Important Symptoms and Effects Both Acute and Delayed</b>	Product is considered non-hazardous.
<b>Immediate Medical Attention and Special Treatment</b>	None

<b>Section 5. Fire-Fighting Measures</b>	
<b>Suitable Extinguishing Media</b>	Use extinguishing media suitable for surrounding fire.
<b>Unsuitable Extinguishing Media</b>	N/A
<b>Specific Hazards Arising from the Product</b>	In case of spill, floor will become slippery.
<b>Special Protective Equipment and Precautions for Fire-Fighters</b>	Fire-fighters should wear self-contained breathing apparatus and full protective clothing.

<b>Section 6. Accidental Release Measures</b>	
<b>Personal Precautions</b>	Non-hazardous
<b>Protective Equipment</b>	Gloves, safety glasses and footwear suitable for workplace.
<b>Emergency Procedures</b>	Evacuate all unnecessary personnel.
<b>Methods and Materials for Containment and Clean-Up</b>	Mop, soak, or pump-up spilled material. Place in a suitable container for disposal. Wash area with soap and water to remove residues which can cause a slip hazard.

<b>Section 7. Handling and Storage</b>	
<b>Precautions For Safe Handling</b>	Handle with care.
<b>Conditions For Safe Storage</b>	Keep containers closed when not in use.
<b>Incompatible Materials</b>	Strong oxidisers.

<b>Section 8. Exposure Controls and Personal Protection</b>				
<b>Control Parameters</b>	<b>TWA: 8 Hr</b>	<b>STEL: 15 min</b>	<b>Ceiling</b>	<b>IDLH *</b>
All component ingredients of this product are considered non-hazardous and do not have exposure limits established.				
<b>Appropriate Engineering Controls</b>	Local exhaust ventilation.			
<b>Individual Protective Measures</b>				
Eye / Face Protection	Safety glasses			
Skin Protection	None			
Respiratory Protection	None			

Section 9. Physical and Chemical Properties	
<b>Physical state</b>	Liquid
<b>Colour</b>	Brown
<b>Odour</b>	Mild
<b>Melting Point / Freezing point</b>	-5 °C
<b>Boiling Point and Boiling Range</b>	No data
<b>Flammability</b>	No data
<b>Lower Flammable or Explosive Limit</b>	No data
<b>Upper Flammable or Explosive Limit</b>	No data
<b>Flash Point</b>	310°C
<b>Auto-ignition Temperature</b>	No data
<b>Decomposition Temperature</b>	No data
<b>pH</b>	No data
<b>Kinematic viscosity</b>	No data
<b>Solubility</b>	Dispersible
<b>Partition co-efficient, n-Octanol/Water</b>	No data
<b>Vapour Pressure</b>	No data
<b>Relative density</b>	0.91
<b>Particle Characteristics</b>	No data

Section 10. Stability and Reactivity	
<b>Reactivity</b>	Stable
<b>Chemical Stability</b>	Stable
<b>Possibility of Hazardous Reactions</b>	None
<b>Conditions to Avoid</b>	Elevated temperatures or fire conditions (this material will burn if sufficient heat is applied).
<b>Incompatible Materials</b>	Strong oxidisers.
<b>Hazardous Decomposition Products</b>	Not expected to decompose under normal conditions of use.

Section 11. Toxicological Information	
The ingredients are considered non-hazardous.	
<b>Likely Routes of Exposure</b>	
<b>Symptoms related to physical, chemical, and toxicological characteristics</b>	
Inhalation:	None expected under normal conditions of use.
Ingestion:	Harmful effects not expected in small amounts.
Skin:	None expected under normal conditions of use.
Eyes:	None expected under normal conditions of use.
<b>Delayed and immediate</b>	No data

<b>effects</b>	
<b>Chronic effects from short term exposure</b>	No data
<b>Chronic effects from long term exposure</b>	No data
<b>Acute Toxicity Estimates (ATE)</b>	
Chemical name	N/A
LD50 Oral	No data
LD50 Dermal	No data
LC50 Inhalation	No data

<b>Section 12. Ecological Information</b>	
<b>Ecotoxicity</b>	No data
<b>Persistence and Degradability</b>	Readily degradable.
<b>Bioaccumulation Potential</b>	Not expected to bioaccumulate.
<b>Mobility in Soil</b>	No data
<b>Other Adverse Effects</b>	No data

<b>Section 13. Disposal considerations</b>	
<b>Disposal Considerations</b>	Disposal should be in accordance with applicable regional, national, and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

<b>Section 14. Transport Information</b>	
<b>UN Number</b>	None
<b>UN Proper Shipping Name</b>	None
<b>Transport Hazard Class(es)</b>	None
<b>Packaging Group</b>	None
<b>Environmental Hazards</b>	N/A
<b>Special Precaution</b>	N/A

<b>Section 15. Regulatory Information</b>	
<b>Safety, health, and environmental regulations specific to product</b>	<p><b>Canada</b> – DSL Inventory All components of this product are on the Domestic Substances List (DSL).</p> <p><b>USA</b> - All components of this product are on the Toxic Substances Control Act (TSCA) Inventory List.</p>

<b>Section 16. Other Information</b>	
<b>Prepared by:</b>	Blackstone Drilling Fluids Ltd. Technical Department
<b>Date Prepared:</b>	2025/12/16
<b>Date of Latest Revision:</b>	2025/12/16
<b>Revision Notes:</b>	Updated formatting, address, and emergency contact info in Section 1. All sections reviewed and revised in accordance with current WHMIS standard requirements.

**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. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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