

Safety Data Sheet

Section 1. Identification		
Product Identifier	Agent XC1	Revision: 2 Effective Date: 2022/02/11
Initial Supplier Identifier	Blackstone Drilling Fluids Limited 500-215 9 Avenue SW Calgary, AB, T2P 1K3 Tel: 403-262-5955	
Recommended Use	Drilling and coil tubing lubricant	
Restrictions on Use	None	
Other means of Identification (Product family, synonyms, etc.)	Blend	
24 Hour Emergency	CAN-UTEC (226-8832), 613-996-6666 or *666 on a cellular phone.	

Section 2. Hazard Identification	
Classification	Not a regulated product.
Label Elements	None
Symbol(s)	None
Signal Word	None
Hazard Statement(s)	None
Precautionary Prevention Statement	Non-hazardous
Precautionary Response Statement(s)	Non-hazardous
Precautionary Storage Statement(s)	Non-hazardous
Precautionary Disposal Statement(s)	Non-hazardous
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 considered Non-hazardous and constitute a proprietary blend.			

Section 4. First-Aid Measures	
Inhalation	Remove victim to fresh air. If there is difficulty breathing, seek immediate medical attention.
Skin Contact	Wash with water and soap.

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Eye Contact	Flush eyes with water for 15 minutes. Seek 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 medical attention immediately.
Most Important Symptoms and Effects Both Acute and Delayed	Product is considered non-hazardous.
Immediate Medical Attention and Special Treatment	None

Section 5. Fire-Fighting Measures	
Suitable Extinguishing Media	Use extinguishing media suitable for surrounding fire.
Unsuitable Extinguishing Media	N/A
Specific Hazards Arising from the Product	In case of spill, floor will become slippery.
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	Non-hazardous
Protective Equipment	Gloves, safety glasses and footwear suitable for workplace.
Emergency Procedures	Evacuate all unnecessary personnel.
Methods and Materials for Containment and Clean-Up	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.

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

Section 8. Exposure Controls and Personal Protection				
Control Parameters	TWA: 8 Hr	STEL: 15 min	Ceiling	IDLH *
All component ingredients of this product are considered Non-hazardous and do not have exposure limits established.				
Appropriate Engineering Controls	Local exhaust ventilation.			

Individual Protective Measures	
Eye / Face Protection	Safety glasses
Skin Protection	None
Respiratory Protection	None

Section 9. Physical and Chemical Properties	
Physical state	Liquid
Color	Brown
Odour	Mild
Melting Point / Freezing point	-25°C
Boiling Point and Boiling Range	No data
Flammability	N/A
Lower Flammable or Explosive Limit	No data
Upper Flammable or Explosive Limit	No data
Flash Point	310°C
Auto-ignition Temperature	N/A
Decomposition Temperature	No data
pH	N/A
Kinematic viscosity	No data
Solubility	Dispersible
Partition co-efficient, n-Octanol/Water	No data
Vapour Pressure	No data
Relative vapour density	0.94
Particle Characteristics	No data

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

Section 11. Toxicological Information	
The ingredients are non-hazardous.	
Likely Routes of Exposure	
Symptoms related to physical, chemical, and toxicological characteristics	

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

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

Section 13. Disposal considerations	
Disposal Considerations	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.

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

Section 15. Regulatory Information

Safety, health, and environmental regulations specific to product	<p>Canada - All components of this product are on the Domestic Substances List (DSL).</p> <p>USA - All components of this product are on the Toxic Substances Control Act (TSCA) Inventory List.</p>
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Section 16. Other Information

Prepared by:	Blackstone Drilling Fluids Ltd. Technical Department
Date Prepared:	2022/02/11
Date of Latest Revision:	2024/02/13
Revision Notes: Updated formatting, address, and emergency contact info in Section 1. All sections reviewed and revised in accordance with current WHMIS standard requirements.	

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