


Safety Data Sheet

Section 1. Identification	
Product Identifier	JetCore
	Revision: 3 Effective Date: 2025/12/01
Initial Supplier Identifier	Blackstone Drilling Fluids Limited Suite 700-215 9 Avenue SW Calgary, AB, T2P 1K3 Tel: 403-262-5955
Recommended Use	Drilling fluid additive
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. 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	
Classification	Combustible dust - Category 1; Carcinogenicity - Category 1
Label Elements	
Symbol(s)	
Signal Word	Danger
Hazard Statement(s)	May form combustible dust concentrations in air. H350 may cause cancer.
Precautionary Prevention Statement(s)	P201 Obtain special instructions before use.
Precautionary Response Statement(s)	P308 + P313 If exposed or concerned: seek medical attention.
Precautionary Storage Statement(s)	P405 Store locked up.
Precautionary Disposal Statement(s)	P501 Dispose of contents and container in accordance with local, regional, national, and international regulations.
Other Hazards	N/A

Section 3. Composition / Information on Ingredients

Safety Data Sheet

Chemical Name	Common Name or Synonyms	CAS NO. and Other Unique Identifiers	% by weight
Silica, quartz	N/A	14808-60-7	0.0-1
Notes:	Concentrations are expressed in % weight/weight. Remaining ingredients are non-hazardous.		

Section 4. First-Aid Measures	
Inhalation	Move to fresh air. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention if irritation develops or persists. If breathing is difficult, administer oxygen.
Skin Contact	Take off immediately contaminated clothing, shoes, and leather goods (e.g. watchbands, belts). Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. Seek medical attention if irritation develops or persists.
Eye Contact	Rinse the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice or attention.
Ingestion	Rinse mouth with water. Never give anything by mouth if person is rapidly losing consciousness, or is unconscious, or convulsing. Do not induce vomiting. Seek medical attention.
Most Important Symptoms and Effects Both Acute and Delayed	Seek medical attention immediately if you feel unwell.
Immediate Medical Attention and Special Treatment	Treatment target organs: lungs.

Section 5. Fire-Fighting Measures	
Suitable Extinguishing Media	Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.
Unsuitable Extinguishing Media	Water jet.
Specific Hazards Arising from the Product	No data
Special protective equipment and precautions for fire-fighters	The use of self-contained breathing apparatus is recommended for fire fighters.

Section 6. Accidental Release Measures	
Personal Precautions	Provide adequate ventilation.
Protective Equipment	Use the personal protective equipment recommended in section 8 of this SDS.

Safety Data Sheet

Emergency Procedures	None
Methods and Materials for Containment and Clean-Up	Collect using shovel/scoop or approved HEPA vacuum and place in a suitable container for disposal. Avoid generating dust. After cleaning, flush away traces with water.

Section 7. Handling and Storage	
Precautions For Safe Handling	Wear personal protective equipment to avoid direct contact with this chemical. Do not breathe dust.
Conditions For Safe Storage	Store in an area that is: well-ventilated. Dry separate from incompatible materials (see Section 10: Stability and Reactivity). Keep containers closed.
Incompatible Materials	Strong acids (e.g. hydrochloric acid).

Section 8. Exposure Controls and Personal Protection				
Control Parameters	TWA:	STEL:	Ceiling	IDLH *
	Not available.			
Appropriate Engineering Controls	General ventilation is usually adequate. Provide eyewash and safety shower if contact or splash hazard exists.			
Individual Protective Measures				
Eye / Face Protection	Safety glasses with side shields are recommended to prevent eye contact.			
Skin Protection	Chemically resistant gloves should be used.			
Respiratory Protection	Wear a NIOSH approved dust mask when required.			

Section 9. Physical and Chemical Properties	
Physical state	Powder
Color	Tan
Odour	None
Melting Point / Freezing point	No data
Boiling Point and Boiling Range	No data
Flammability	No data
Lower Flammable or Explosive Limit	No data
Upper Flammable or Explosive Limit	No data
Flash point	No data
Auto-ignition Temperature	No data
Decomposition Temperature	No data
pH	No data
Kinematic viscosity	No data
Solubility	Dispersible in water.
Partition co-efficient,	No data

n-Octanol/Water	
Vapour pressure	No data
Relative vapour density	No data
Particle Characteristics	No data

Section 10. Stability and Reactivity	
Reactivity	No data
Chemical Stability	Normally stable.
Possibility of Hazardous Reactions	No data
Conditions to Avoid	Open flames, sparks, static discharge, heat, and other ignition sources.
Incompatible Materials	Strong acids (e.g. hydrochloric acid).
Hazardous Decomposition Products	None known.

Section 11. Toxicological Information	
Likely Routes of Exposure	
Symptoms related to physical, chemical, and toxicological characteristics	
Inhalation:	May cause mechanical irritation.
Ingestion:	Not expected to a problem under normal conditions of use.
Skin:	May cause mechanical irritation.
Eyes:	May cause slight, transient irritation.
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	Silica, quartz
LD50 Oral	500mg/kg (rat)
LD50 Dermal	No data
LC50 Inhalation	No data

Section 12. Ecological Information	
Ecotoxicity	No data
Persistence and Degradability	No data

Safety Data Sheet

Bioaccumulative Potential	No data
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	
Not regulated under Canadian TDG regulations.	
UN Number	N/A
UN Proper Shipping Name	N/A
Transport Hazard Class(es)	N/A
Packaging Group	N/A
Environmental Hazards	N/A
Special Precaution	N/A

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

Section 16. Other Information	
Prepared by:	Blackstone Drilling Fluids Ltd. Technical Department
Date Prepared:	2025/12/01
Date of Latest Revision:	2025/12/01
Revision Notes: 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.

Blackstone Drilling Fluids Ltd. disclaims all expressed or implied warranties of merchantability and fitness for a particular purpose with respect to the product provided.