

Safety Data Sheet

Section 1. Identification	
Product Identifier	JET-FURY
	Revision: 3 Effective Date: 2025/12/18
Initial Supplier Identifier	Blackstone Drilling Fluids Limited 500-215 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.)	Drilling fluid additive
24 Hour Emergency	403-262-5955 Business hours Monday – Friday 8:00AM-4:00PM MST. English only. After business hours you will be forwarded to an on-call service.

Section 2. Hazard Identification	
Classification	Not Classified
Label Elements	
Symbol(s)	None
Signal Word	Warning
Hazard Statement(s)	May form combustible dust concentrations in air. May cause cancer. Causes damage to organs through prolonged or repeated exposure.
Precautionary Prevention Statement(s)	Prevent dust accumulation to minimize explosion hazard. Keep away from heat/sparks/open flame/hot surfaces. – No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Observe good industrial hygiene practices.
Precautionary Response Statement(s)	Take off contaminated clothing and wash it before reuse. In case of fire: Use appropriate media to extinguish.
Precautionary Storage Statement(s)	Store away from incompatible materials.
Precautionary Disposal Statement(s)	Dispose of contents/container in accordance with applicable regional, national, and local laws and regulations.
Other Hazards	N/A

Section 3. Composition / Information on Ingredients			
Chemical Name	Common Name or Synonyms	CAS NO. and Other Unique Identifiers	% by weight
Uintaite	Gilsonite	12002-43-6	>90
Proprietary Polymer Blend			<10

Section 4. First-Aid Measures	
Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin Contact	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye Contact	Do not rub eyes. Rinse with water. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.
Most Important Symptoms and Effects Both Acute and Delayed	Dusts may irritate the respiratory tract, skin, and eyes. Prolonged exposure may cause chronic effects.
Immediate Medical Attention and Special Treatment	Treat symptomatically and seek medical attention.
General Information	Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

Section 5. Fire-Fighting Measures	
Suitable Extinguishing Media	Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture. Use water or a multi-purpose ABC extinguisher. Apply extinguishing media carefully to avoid creating airborne dust.
Unsuitable Extinguishing Media	Do not use water jet as an extinguisher, as this will spread the fire
Specific Hazards Arising from the Product	Explosion hazard: Avoid generating dust; fine dust dispersed in air insufficient concentrations and in the presence of an ignition source is a potential dust explosion hazard. During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for fire-fighters	Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Firefighting equipment/instructions	Firefighters should wear full protective clothing including self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

Section 6. Accidental Release Measures	
Personal Precautions	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Use only non-sparking tools. Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration
Protective Equipment	Wear appropriate protective equipment and clothing during clean-up. Use a CSA Standard Z94.4-02 approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits.
Emergency Procedures	Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained
Methods and Materials for Containment and Clean-Up	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Collect dust using a vacuum cleaner equipped with HEPA filter. This product is miscible in water. Stop the flow of material, if this is without risk. Large Spills: Wet down with water and dike for later disposal. Shovel the material into waste container. Following product recovery, flush area with water. Small Spills: Sweep up or vacuum up spillage and collect in suitable container for disposal.
Section 7. Handling and Storage	
Precautions For Safe Handling	Minimize dust generation and accumulation. Avoid significant deposits of material, especially on horizontal surfaces, which may become airborne and form combustible dust clouds and may contribute to secondary explosions. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Explosion proof general and local exhaust ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
Conditions For Safe Storage	Keep containers tightly closed in a dry, cool and well-ventilated place.
Incompatible Materials	Strong oxidizing agents.

Section 8. Exposure Controls and Personal Protection	
Control Parameters	No data
Appropriate Engineering Controls	Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapour, gas, etc.) below recommended exposure limits.
Individual Protective Measures	
Eye / Face Protection	Wear safety glasses with side shields (or goggles).
Hand Protection	Wear appropriate chemical resistant gloves.
Respiratory protection	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Use a CSA Standard Z94.4-02 approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits
Thermal hazards	Wear appropriate thermal protective clothing, when necessary
General hygiene considerations	When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants

Section 9. Physical and Chemical Properties	
Physical state	Solid
Color	Brown
Odour	Odourless to slight odor.
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	250-500 g/m ³ No data
Flash point	310 °C (590 °F)
Auto-ignition Temperature	500 °C (932 °F)
Decomposition Temperature	287.8 °C (550 °F)
pH	No data
Kinematic viscosity	No data
Solubility	Insoluble in water.
Partition co-efficient,	No data

n-Octanol/Water	
Vapour pressure	No data
Relative density	No data
Particle Characteristics	A composite mixture of fine particles.

Section 10. Stability and Reactivity	
Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical Stability	Stable under normal storage conditions.
Possibility of Hazardous Reactions	No dangerous reaction known under conditions of normal use.
Conditions to Avoid	Contact with incompatible materials. Sources of ignition. Exposure to heat.
Incompatible Materials	Strong oxidizing agents
Hazardous Decomposition Products	Carbon oxides, Nitrogen oxides.

Section 11. Toxicological Information	
Likely Routes of Exposure	
Symptoms related to physical, chemical, and toxicological characteristics	
Inhalation:	May cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. Acute pneumoconiosis from overwhelming exposure to Silica (Quartz, SiO ₂) dust has occurred. Coughing and irritation of throat are early symptoms.
Ingestion:	May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.
Skin:	May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.
Eyes:	May cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.
Delayed and immediate effects	All listed above may be delayed and/or immediate.
Chronic effects from short term exposure	Skin. Eyes. Gastrointestinal tract. Respiratory system. Lungs. Hazardous by OSHA/WHMIS criteria. May cause chronic effects. Prolonged or repeated contact may dry skin and cause irritation. Repeated exposure to Silica (Quartz, SiO ₂) can cause silicosis, a form of lung scarring that can cause shortness of breath, reduced lung function, and in severe cases, death.
Chronic effects from long term exposure	Skin. Eyes. Gastrointestinal tract. Respiratory system. Lungs. Hazardous by OSHA/WHMIS criteria. May cause chronic effects. Prolonged or repeated contact may dry skin and cause irritation. Repeated exposure to

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Acute Toxicity Estimates (ATE)	
Chemical name	Quartz
LD50 Oral	No data
LD50 Dermal	No data
LC50 Inhalation	No data

Section 12. Ecological Information	
Ecotoxicity	No data
Persistence and Degradability	No data
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 international 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	<p>US Regulations The components of this product follow the chemical notification requirements of TSCA. This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.</p>
	<p>Canada (DSL) The components of this product follow the chemical notification requirements of the NSN Regulations under CEPA, 1999.</p>

Section 16. Other Information	
Prepared by:	Blackstone Drilling Fluids Limited Technical Department
Date Prepared:	2025/12/18
Date of Latest Revision:	2025/12/18
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 Limited disclaims all expressed or implied warranties of merchantability and fitness for a particular purpose with respect to the product provided.