

# Safety Data Sheet

| Section 1. Identification   |  |
|---|--|
| <b>Product Identifier</b>   | JETBOND  |
|   | <b>Revision: 3</b><br><b>Effective Date: 2025/12/01</b>  |
| <b>Initial Supplier Identifier</b>                                    | Blackstone Drilling Fluids Limited<br>Suite 700-215 9 Avenue SW<br>Calgary, AB, T2P 1K3<br>Tel: 403-262-5955   |
| <b>Recommended Use</b>  | Hole stabilizer  |
| <b>Restrictions on Use</b>  | None   |
| <b>Other means of Identification (Product family, synonyms, etc.)</b> | Drilling fluid additive  |
| <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)                             | N/A           |
| Signal Word                           | N/A           |
| Hazard Statement(s)                   | N/A           |
| Precautionary Prevention Statement(s) | N/A           |
| Precautionary Response Statement(s)   | N/A           |
| Precautionary Storage Statement(s)    | N/A           |
| Precautionary Disposal Statement(s)   | N/A           |
| <b>Other Hazards</b>                  | N/A           |

| Section 3. Composition / Information on Ingredients |                         |                                      |             |
|---|-------------------------|--------------------------------------|-------------|
| Chemical Name                                       | Common Name or Synonyms | CAS NO. and Other Unique Identifiers | % by weight |
| Contains no hazardous ingredients.                  |                         |                                      |             |

| Section 4. First-Aid Measures |   |
|-------------------------------|---|
| <b>Inhalation</b>             | If symptoms develop, move patient to fresh air. Apply oxygen or artificial respiration if required. If breathing difficulties or distress continues obtain medical attention. |

# Safety Data Sheet

|   |   |
|---|---|
| <b>Skin Contact</b>   | No first aid measures required for normal use. If irritation occurs, or at end of shift, wash with soap and water until clean. If irritation develops and persists, obtain medical attention.   |
| <b>Eye Contact</b>  | Flush with gently flowing warm water until particles are dislodged. If irritation persists, obtain medical attention.   |
| <b>Ingestion</b>  | Do not induce vomiting. Rinse mouth and give one to two glasses of water to dilute material. If large amounts are swallowed, or symptoms develop, obtain immediate medical attention. Never give anything by mouth if patient is unconscious, rapidly losing consciousness or convulsing. |
| <b>Most Important Symptoms and Effects Both Acute and Delayed</b> | None known  |
| <b>Immediate Medical Attention and Special Treatment</b>          | Treat symptomatically.  |

| <b>Section 5. Fire-Fighting Measures</b>                          |  |
|---|--|
| <b>Suitable Extinguishing Media</b>                               | Water spray, alcohol foam, dry chemical, or carbon dioxide.  |
| <b>Unsuitable Extinguishing Media</b>                             | Not available. Avoid spraying water directly on molten material to prevent splashing and spread of fire.   |
| <b>Specific Hazards Arising from the Product</b>                  | Material will ignite and burn in a fire situation. Contains organic materials, which if ground to a dust and suspended in air may explode in the presence of an ignition source. |
| <b>Special Protective Equipment Precautions for Fire-Fighters</b> | Self-contained breathing apparatus required for fire-fighting personnel. Move containers from fire area, or cool with water spray, if possible.                                  |

| <b>Section 6. Accidental Release Measures</b>             |  |
|---|--|
| <b>Personal Precautions</b>                               | Eliminate ignition sources. Collect uncontaminated material for repackaging.   |
| <b>Protective Equipment</b>                               | Wear appropriate protective equipment and clothing during clean-up. For personal protection, see section 8 of the SDS.   |
| <b>Emergency Procedures</b>                               | Collect uncontaminated material for repackaging.<br>Collect contaminated material in approved containers for disposal.<br>Prevent spilled material from entering storm sewers, and public waterways. |
| <b>Methods and Materials for Containment and Clean-Up</b> | Spillage should be swept-up or vacuumed immediately. Wash spill area with water.   |

| <b>Section 7. Handling and Storage</b> |  |
|--|--|
| <b>Precautions For Safe Handling</b>   | Keep away from open flames, hot surfaces, and sources of ignition. When using do not smoke. Avoid inhalation of vapors and spray mists. Avoid contact with eyes, skin, and clothing. Use only outdoors or in a |

# Safety Data Sheet

|                                    |  |
|------------------------------------|--|
|                                    | well-ventilated area. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.   |
| <b>Conditions For Safe Storage</b> | Store locked up. Keep away from heat, sparks, and open flame. Store in a cool, dry place out of direct sunlight. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS). |
| <b>Incompatible Materials</b>      | Strong acids and oxidizing.  |

| Section 8. Exposure Controls and Personal Protection |   |       |         |        |
|--|---|-------|---------|--------|
| Control Parameters                                   | TWA:  | STEL: | Ceiling | IDLH * |
|  | No product or ingredient exposure limits available.   |       |         |        |
| <b>Appropriate Engineering Controls</b>              | None required under normal conditions of use.   |       |         |        |
| <b>Individual Protective Measures:</b>               |   |       |         |        |
| Eye / Face Protection                                | Wear safety glasses with side shields.  |       |         |        |
| Skin Protection                                      | Protective clothing and footwear should be worn. Ensure that safety shower and eyewash station are available. |       |         |        |
| Respiratory Protection                               | None required under normal conditions of use.   |       |         |        |
| Hand protection                                      | Personal preference.  |       |         |        |

| Section 9. Physical and Chemical Properties    |                     |
|--|---------------------|
| <b>Appearance</b>                              | Black powder        |
| <b>Odour</b>                                   | Odourless           |
| <b>Odour Threshold</b>                         | No data             |
| <b>pH</b>                                      | No data             |
| <b>Flash Point</b>                             | No data             |
| <b>Boiling Point and Boiling Range</b>         | No data             |
| <b>Melting Point / Freezing point</b>          | No data             |
| <b>Evaporation Rate</b>                        | No data             |
| <b>Flammability (solid, gas)</b>               | No data             |
| <b>Upper Flammability</b>                      | 9.7%                |
| <b>Lower Flammability</b>                      | 0.9%                |
| <b>Upper &amp; Lower Explosive Limit</b>       | No data             |
| <b>Vapour Pressure</b>                         | No data             |
| <b>Vapour Density</b>                          | No data             |
| <b>Relative Density</b>                        | No data             |
| <b>Solubility</b>                              | Insoluble in water. |
| <b>Partition co-efficient, n-Octanol/Water</b> | No data             |
| <b>Auto-ignition Temperature</b>               | No data             |
| <b>Decomposition Temperature</b>               | No data             |
| <b>Viscosity</b>                               | No data             |
| <b>Particle Characteristics</b>                | No data             |

| <b>Section 10. Stability and Reactivity</b> |   |
|---|---|
| <b>Reactivity</b>                           | Not reactive under normal conditions of use.            |
| <b>Chemical Stability</b>                   | Stable under normal conditions of use.                  |
| <b>Possibility of Hazardous Reactions</b>   | Non-hazardous   |
| <b>Conditions to Avoid</b>                  | Avoid heat, open flames, and other sources of ignition. |
| <b>Incompatible Materials</b>               | Strong oxidizing agents.                                |
| <b>Hazardous Decomposition Products</b>     | Non-hazardous   |

| <b>Section 11. Toxicological Information</b>                                     |   |
|--|---|
| <b>Likely Routes of Exposure</b>   |   |
| Inhalation:  | May cause irritation of the nose, throat, and respiratory passages. |
| Ingestion:   | No toxic effects expected.  |
| Skin:  | May cause slight irritation in some individuals.                    |
| Eyes:  | May cause mechanical irritation.                                    |
| <b>Symptoms related to physical, chemical, and toxicological characteristics</b> | No data   |
| <b>Delayed and immediate effects</b>   | No data   |
| <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>      | No data |
| <b>Bioaccumulative Potential</b>          | No data |
| <b>Mobility in Soil</b>                   | No data |
| <b>Other adverse effects</b>              | No data |

| Section 13. Disposal considerations                                       |  |
|---|--|
| <b>Disposal Considerations</b>  | Dispose in accordance with local, provincial, and federal regulations. This product can be landfilled in many areas, check with local operator. It is the responsibility of the end-user to determine if material meets the criteria of hazardous waste at the time of disposal. |
| Section 14. Transport Information   |  |
| <b>UN Number</b>  | N/A  |
| <b>UN Proper Shipping Name</b>  | N/A  |
| <b>Transport Hazard Class(es)</b>   | N/A  |
| <b>Packaging Group</b>  | N/A  |
| <b>Environmental Hazards</b>  | N/A  |
| <b>Special Precaution</b>   | N/A  |
| Section 15. Regulatory Information  |  |
| <b>Safety, health, and environmental regulations specific to product:</b> | DSL: listed.<br>WHMIS Class: Not controlled<br>TSCA: listed.   |
| Section 16. Other Information   |  |
| <b>Prepared by:</b>   | Blackstone Drilling Fluids Ltd. Technical Department   |
| <b>Date Prepared:</b>   | 2025/12/01   |
| <b>Date of Latest Revision:</b>   | 2025/12/01   |
| <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.

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