


# Safety Data Sheet

| Section 1. Identification   |  |
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| <b>Product Identifier</b>   | SUPERWET 250   |
|   | <b>Revision: 2</b><br><b>Effective Date: 2026/14/01</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>  | Drilling fluid additive  |
| <b>Restrictions on Use</b>  | None   |
| <b>Other means of Identification (Product family, synonyms, etc.)</b> | Non-ionic Wetting Agent  |
| <b>24 Hour Emergency</b>  | CAN-UTEC (226-8832), 613-996-6666 or *666 on a cellular phone.<br><br>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             |   |
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| <b>Classification</b>                        | Acute toxicity (Oral) - Category 4; Serious eye damage - Category 1; Reproductive toxicity - Category 2; Specific target organ toxicity (repeated exposure) - Category 2  |
| <b>Label Elements</b>                        |   |
| Symbol(s)                                    |   |
| <b>Signal Word</b>                           | Danger  |
| <b>Hazard Statement(s)</b>                   | H302 Harmful if swallowed.<br>H318 Causes serious eye damage.<br>H361 Suspected of damaging the unborn child.<br>H373 May cause damage to organs (kidneys) through prolonged or repeated exposure.  |
| <b>Precautionary Prevention Statement(s)</b> | P201 Obtain special instructions before use.<br>P202 Do not handle until all safety precautions have been read and understood. P264 Wash hands thoroughly after handling.<br>P270 Do not eat, drink or smoke when using this product.<br>P280 Wear protective gloves/protective clothing/eye protection/face protection. P260 Do not breathe dust/fume/gas/mist/vapors/spray. |

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| 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. |
| <b>Other Hazards</b>                | N/A   |

| <b>Section 3. Composition / Information on Ingredients</b>  |  |   |                    |
|---|--|---|--------------------|
| <b>Chemical Name</b>  | <b>Common Name or Synonyms</b>                   | <b>CAS NO. and Other Unique Identifiers</b> | <b>% by weight</b> |
| Ethylene glycol   |  | 107-21-1                                    | 60-100             |
| Poly(oxy-1,2-ethanediyl), alpha, alpha'-[1, 4-dimethyl-1,4-bis(2-methylpropyl)-2-butyne-1, 4-diyl]bis[omega -hydroxy- |  | 9014-85-1                                   | 10 - 30            |
| Notes:  | Concentrations are expressed in % weight/weight. |   |                    |

| <b>Section 4. First-Aid Measures</b>                              |  |
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| <b>Inhalation</b>   | Move to fresh air. Keep at rest in a position comfortable for breathing. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by Poison Centre or doctor. If breathing has stopped, trained personnel should begin rescue breathing. Seek medical attention if irritation develops or persists.   |
| <b>Skin Contact</b>   | Quickly and gently blot or brush away excess chemical. Immediately wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 15-20 minutes. Seek medical attention if irritation develops or persists.  |
| <b>Eye Contact</b>  | Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Seek medical attention if irritation develops or persists.  |
| <b>Ingestion</b>  | Rinse mouth with water. Never give anything by mouth if person is rapidly losing consciousness or is unconscious or convulsing. Do not induce vomiting. If vomiting occurs naturally, lie on your side in the recovery position. Rinse mouth with water again. Immediately call a Poison Centre or doctor.   |
| <b>Most Important Symptoms and Effects Both Acute and Delayed</b> | <p>If in eyes: May cause serious eye damage. May irritate or burn the eyes. Permanent damage, including blindness, may result.</p> <p>If swallowed: Can irritate the mouth, throat and stomach. There are 3 stages of effects, which can overlap. Early symptoms can include upset stomach, slurred speech, clumsiness, drowsiness, and convulsions. Second stage symptoms can include rapid heartbeat and breathing, bluish</p> |

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|  | lips and skin, fluid in the lungs and heart failure. In the last stage, there can be kidney stones and kidney damage with lower back pain, and increased then decreased urine production. There may be delayed nervous system effects such as paralysis of the face, clumsiness, impaired hearing and blurred vision. Death can occur at any stage. |
| <b>Immediate Medical Attention and Special Treatment</b> | <b>Target Organs</b><br>Kidneys.<br><b>Special Instructions</b><br>Fomepizole may be used as an antidote for ethylene glycol poisoning.   |

| Section 5. Fire-Fighting Measures                                     |  |
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| <b>Suitable Extinguishing Media</b>                                   | Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.   |
| <b>Unsuitable Extinguishing Media</b>                                 | Water jet.   |
| <b>Specific Hazards Arising from the Product</b>                      | Does not burn.   |
| <b>Special protective equipment and precautions for fire-fighters</b> | Fight fire from a safe distance or a protected location. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |

| Section 6. Accidental Release Measures                    |  |
|---|--|
| <b>Personal Precautions</b>                               | Increase ventilation to area or move leaking container to a well-ventilated and secure area.   |
| <b>Protective Equipment</b>                               | Use the personal protective equipment recommended in section 8 of this safety data sheet.  |
| <b>Emergency Procedures</b>                               | N/A  |
| <b>Methods and Materials for Containment and Clean-Up</b> | Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal. After cleaning, flush away traces with water. Collect washing for disposal.<br><br>Do not allow it into any sewer, on the ground or in any waterway. If the spill is inside a building, prevent the product from entering drains, ventilation systems and confined areas. Do not flush to drain. |

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| Section 7. Handling and Storage      |  |
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| <b>Precautions For Safe Handling</b> | Prevent uncontrolled release of product. Immediately report leaks, spills, or failures of the safety equipment (ex: ventilation system).<br><br>Do NOT eat, drink or store food in work areas. Do NOT smoke in work areas. |
| <b>Conditions For Safe Storage</b>   | Store in an area that is: cool, temperature-controlled, well-ventilated, out of direct sunlight and away from heat and ignition sources. Do not store in unlabeled containers.   |
| <b>Incompatible Materials</b>        | None Known   |

| Section 8. Exposure Controls and Personal Protection  |   |                 |                 |                 |                 |                 |
|---|---|-----------------|-----------------|-----------------|-----------------|-----------------|
| Control Parameters  |   |                 |                 |                 |                 |                 |
| Chemical Name   | ACGIH TLV®  |                 | OSHA PEL        |                 | AIHA WEEL       |                 |
|   | TWA   | STEL            | TWA             | Ceiling         | 8-hr TWA        | TWA             |
| Poly(oxy-1,2-ethanediyl), alpha, alpha'-[1,4-dimethyl-1,4-bis(2-methylpropyl)-2-butyne-1, 4-diyl]bis[ omega -hydroxy- | Not established   | Not established | Not established | Not established | Not established | Not established |
| Ethylene glycol   | Not established   | 100 mg/m3 A4    | Not established | 50 ppm          | Not established | Not established |
| <b>Appropriate Engineering Controls</b>   | General ventilation is usually adequate. Provide eyewash and safety shower if contact or splash hazard exists.  |                 |                 |                 |                 |                 |
| <b>Individual Protective Measures</b>   |   |                 |                 |                 |                 |                 |
| Eye / Face Protection   | Eye contact should be prevented through use of chemical safety glasses with side shields or splash proof goggles  |                 |                 |                 |                 |                 |
| Skin Protection   | Chemically resistant gloves should be used. Skin contact should be minimized through use of gloves and suitable long-sleeved clothing (i.e., shirt and pants, coveralls) consideration must be given both to durability as well as permeation resistance. |                 |                 |                 |                 |                 |
| Respiratory Protection  | Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.  |                 |                 |                 |                 |                 |

| Section 9. Physical and Chemical Properties |                        |
|---|------------------------|
| <b>Physical state</b>                       | Liquid                 |
| <b>Color</b>                                | Clear - yellow liquid. |
| <b>Odour</b>                                | Sweet                  |
| <b>Melting Point / Freezing point</b>       | Not available          |
| <b>Boiling Point and Boiling Range</b>      | Not available          |
| <b>Flammability</b>                         | Not available          |

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| <b>Lower Flammable or Explosive Limit</b>      | Not available        |
| <b>Upper Flammable or Explosive Limit</b>      | Not available        |
| <b>Flash point</b>                             | > 100°C              |
| <b>Auto-ignition Temperature</b>               | Not available        |
| <b>Decomposition Temperature</b>               | Not available        |
| <b>pH</b>                                      | Not available        |
| <b>Kinematic viscosity</b>                     | Not available        |
| <b>Solubility</b>                              | Dispersible in water |
| <b>Partition co-efficient, n-Octanol/Water</b> | Not available        |
| <b>Vapour pressure</b>                         | Not available        |
| <b>Relative density</b>                        | 1.078 at 25°C        |
| <b>Particle Characteristics</b>                | Not available        |

| <b>Section 10. Stability and Reactivity</b> |  |
|---|--|
| <b>Reactivity</b>                           | No data  |
| <b>Chemical Stability</b>                   | Normally stable  |
| <b>Possibility of Hazardous Reactions</b>   | None known.  |
| <b>Conditions to Avoid</b>                  | Open flames, sparks, static discharge, heat and other ignition sources. Incompatible materials.  |
| <b>Incompatible Materials</b>               | Strong oxidizing agents (e.g. perchloric acid), strong acids (e.g. hydrochloric acid). Materials reactive with hydroxyl compounds, dehydrating agents. |
| <b>Hazardous Decomposition Products</b>     | Oxides of Carbon. Aldehydes.   |

| <b>Section 11. Toxicological Information</b>                                     |  |
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| <b>Likely Routes of Exposure</b>   | Skin contact; inhalation; skin absorption; ingestion; eye contact. |
| <b>Symptoms related to physical, chemical, and toxicological characteristics</b> |  |
| Inhalation:  | May be harmful based on limited evidence.                          |
| Ingestion:   | No data.   |
| Skin:  | No information was located.  |

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|--|---|----------------|------------|-------------|
| Eyes:  | Causes serious eye irritation.  |                |            |             |
| <b>Delayed and immediate effects</b>   | <b>STOT (Specific Target Organ Toxicity) - Repeated Exposure</b><br>Causes kidney stones and long-lasting kidney injury |                |            |             |
| <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>  |   |                |            |             |
| <b>Chemical Name</b>   | <b>IARC</b>   | <b>ACGIH®</b>  | <b>NTP</b> | <b>OSHA</b> |
| Poly(oxy-1,2-ethanediyl), alpha, alpha'-[1, 4-dimethyl-1, 4-bis(2-methylpropyl)-2-butyne-1,4-diyl]bis[ omega -hydroxy- | Not Listed  | Not designated | Not Listed | Not Listed  |
| Ethylene glycol  | Not Listed  | A4             | Not Listed | Not Listed  |

| <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 |

| <b>Section 13. Disposal considerations</b> |  |
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| <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>      |     |
|---|-----|
| Not regulated under Canadian TDG regulations. |     |
| <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>   | <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> |
| Section 16. Other Information  |  |
| <b>Prepared by:</b>  | Blackstone Drilling Fluids Ltd. Technical Department   |
| <b>Date Prepared:</b>  | 2026/14/01   |
| <b>Date of Latest Revision:</b>  | 2026/14/01   |
| <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.

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