

# Safety Data Sheet

| Section 1. Identification                      |  |
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| <b>Product Identifier</b>                      | <b>Jet-Ox</b> <span style="float: right;"><b>Version: 1</b><br/><b>Effective Date: 2020/07/20</b></span>         |
| <b>Other Means Of Identification</b>           | None   |
| <b>Initial Supplier Identifier</b>             | Blackstone Drilling Fluids Limited<br>Suite 700, 215 - 9th Avenue SW<br>Calgary, AB T2R 1K3<br>Tel: 403-262-5955 |
| <b>Recommended Use and Restrictions On Use</b> | Corrosion and scale inhibitor. No restrictions.  |
| <b>Product Family</b>                          | Blend  |
| <b>24 Hour Emergency</b>                       | Canutec (613) 996-6666   |

| Section 2. Hazard Identification          |                         |
|---|-------------------------|
| <b>Hazard Classification</b>              | Not a regulated product |
| <b>Signal Word</b>                        | None                    |
| <b>Hazard Statement</b>                   | None                    |
| <b>Precautionary Prevention Statement</b> | Non Hazardous.          |
| <b>Precautionary Response Statement</b>   | Non Hazardous           |
| <b>Precautionary Storage Statement</b>    | Non Hazardous           |
| <b>Precautionary Disposal Statement</b>   | Non Hazardous           |
| <b>Other Hazards</b>                      | 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 |   |
|-------------------------------|---|
| <b>Eye Contact</b>            | Flush eyes with water for 15 minutes. Seek medical attention.                                   |
| <b>Skin Contact</b>           | Wash with water and soap.   |
| <b>Inhalation</b>             | Remove victim to fresh air. If there is difficulty breathing, seek immediate medical attention. |

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| <b>Ingestion</b>  | Rinse mouth with water if conscious. Do not induce vomiting. Lay victim on left side to prevent aspiration of any vomit. Seek immediate medical attention. |
| <b>Most Important Symptoms and Effects Both Acute and Delayed</b> | Product is not hazardous.  |
| <b>Immediate Medical Attention and Special Treatment</b>          | None required.   |

| Section 5. Fire-Fighting Measures                                     |  |
|---|--|
| <b>Suitable and Unsuitable Extinguishing Media</b>                    | Use extinguishing media suitable for surrounding fire.                                     |
| <b>Hazardous Combustion Products</b>                                  | Oxides of carbon.  |
| <b>Specific Hazards Arising From the Product</b>                      | In case of spill, floor will become slippery.  |
| <b>Special Protective Equipment and Precautions For Fire-Fighters</b> | Fire-fighters should wear self-contained breathing apparatus and full protective clothing. |

| Section 6. Accidental Release Measures                                     |  |
|--|--|
| <b>Personal Precautions, Protective Equipment and Emergency Procedures</b> | Gloves, safety glasses and footwear suitable for workplace.<br>Evacuate all unnecessary personnel.   |
| <b>Environmental Precautions</b>   | This material is considered non-hazardous and completely biodegradable. Large volumes, however should not be allowed to enter the surface water system.          |
| <b>Methods and Materials For Containment and Clean-Up</b>                  | Mop, soak or pump up spill 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      |   |
|--------------------------------------|---|
| <b>Precautions For Safe Handling</b> | Handle with care                        |
| <b>Conditions For Safe Storage</b>   | Keep containers closed when not in use. |

| Section 8. Exposure Controls and Personal Protection |                  |                     |                |               |
|--|------------------|---------------------|----------------|---------------|
| <b>Control Parameters</b>                            | <b>TWA: 8 Hr</b> | <b>STEL: 15 min</b> | <b>Ceiling</b> | <b>IDLH *</b> |

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All component ingredients of this product are considered non-hazardous and do not have exposure limits established.

|   |                           |
|---|---------------------------|
| <b>Exposure Controls</b>                | Local exhaust ventilation |
| <b>Appropriate Engineering Controls</b> | None required.            |
| <b>Individual Protective Measures</b>   |                           |
| <b>Eye / Face Protection</b>            | Safety glasses.           |
| <b>Skin Protection</b>                  | None required.            |
| <b>Respiratory Protection</b>           | None required.            |

| <b>Section 9. Physical and Chemical Properties</b>      |                   |
|---|-------------------|
| <b>Appearance</b>                                       | Yellow liquid     |
| <b>Odour</b>  | Sweet             |
| <b>Odour Threshold</b>                                  | Not data          |
| <b>pH</b>   | 7.0 – 8.0         |
| <b>Flash Point</b>                                      | >100 °C           |
| <b>Boiling Point and Boiling Range</b>                  | Not data          |
| <b>Melting Point / Freezing point</b>                   | -25 °C            |
| <b>Evaporation Rate</b>                                 | Not data          |
| <b>Flammability (solid, gas)</b>                        | Not applicability |
| <b>Upper and Lower Flammability or Explosive Limits</b> | No data           |
| <b>Vapour Pressure</b>                                  | Not data          |
| <b>Vapour Density</b>                                   | Not data          |
| <b>Relative Density</b>                                 | 1.20              |
| <b>Solubility</b>                                       | Soluble           |
| <b>Partition co-efficient, n-Octanol/Water</b>          | No data           |
| <b>Auto-ignition Temperature</b>                        | Not available     |
| <b>Decomposition Temperature</b>                        | No data           |
| <b>Viscosity</b>  | No data           |

| <b>Section 10. Stability and Reactivity</b> |   |
|---|---|
| <b>Reactivity</b>                           | Stable.   |
| <b>Chemical Stability</b>                   | The product is stable                                     |
| <b>Possibility of Hazardous Reactions</b>   | Will not occur  |
| <b>Conditions to Avoid</b>                  | Elevated temperatures or fire conditions.                 |
| <b>Incompatible Materials</b>               | Strong oxidisers.   |
| <b>Hazardous Decomposition Products</b>     | Not expected to decompose under normal conditions of use. |

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| Section 11. Toxicological Information                            |  |
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| Component Toxicity   | LD50 Oral      LD50 Dermal      LC50 Inhalation    |
| The ingredients are not hazardous.                               |  |
| <b>Likely Routes of Exposure</b>                                 |  |
| <b>Skin:</b>   | None expected under normal conditions of use.      |
| <b>Eyes:</b>   | None expected under normal conditions of use.      |
| <b>Inhalation:</b>   | No hazard expected under normal conditions of use. |
| <b>Ingestion:</b>  | Harmful effects not expected in small amounts.     |
| <b>Acute Toxicity Estimates (ATE)</b>                            | No data  |
| <b>STOT (Specific Target Organ Toxicity) – Single Exposure</b>   | No hazard  |
| <b>Aspiration Toxicity</b>                                       | No hazard  |
| <b>STOT (Specific Target Organ Toxicity) – Repeated Exposure</b> | No hazard  |
| <b>Skin Corrosion / Irritation</b>                               | None expected                                      |
| <b>Serious Eye Damage / Irritation</b>                           | None expected                                      |
| <b>Respiratory or Skin Sensitization</b>                         | None expected                                      |
| <b>Carcinogenicity</b>   | Not listed.  |
| <b>Reproductive Toxicity</b>                                     |  |
| - <b>Sexual Function and Fertility</b>                           | Not hazardous                                      |
| - <b>Development of Offspring</b>                                | Not hazardous                                      |
| - <b>Effects on or via Lactation</b>                             | Not hazardous                                      |
| <b>Germ Cell Mutagenicity</b>                                    | Not hazardous                                      |
| <b>Interactive Effects</b>                                       | None   |
| <b>Other Information</b>   | N/A  |

| Section 12. Ecological Information   |                                |
|--------------------------------------|--------------------------------|
| <b>Ecotoxicity</b>                   | No data                        |
| <b>Persistence and Degradability</b> | Readily degradable             |
| <b>Bioaccumulative Potential</b>     | Not expected to bio accumulate |
| <b>Biodegradability</b>              | Readily biodegradable.         |
| <b>Mobility in Soil</b>              | No data                        |
| <b>Other Adverse Effects</b>         | N/A                            |

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## Section 13. Disposal considerations

|                                |   |
|--------------------------------|---|
| <b>Disposal Considerations</b> | Dispose of contents / container in accordance with local regulations. |
|--------------------------------|---|

## Section 14. Transport Information

|                  |      |
|------------------|------|
| <b>UN Number</b> | None |
|------------------|------|

|                                |      |
|--------------------------------|------|
| <b>UN Proper Shipping Name</b> | None |
|--------------------------------|------|

|                                   |      |
|-----------------------------------|------|
| <b>Transport Hazard Class(es)</b> | None |
|-----------------------------------|------|

|                        |      |
|------------------------|------|
| <b>Packaging Group</b> | None |
|------------------------|------|

|                              |                |
|------------------------------|----------------|
| <b>Environmental Hazards</b> | Not applicable |
|------------------------------|----------------|

|                       |                |
|-----------------------|----------------|
| <b>Bulk Transport</b> | Not applicable |
|-----------------------|----------------|

|                           |                |
|---------------------------|----------------|
| <b>Special Precaution</b> | Not applicable |
|---------------------------|----------------|

|                 |                |
|-----------------|----------------|
| <b>DOT Erg#</b> | Not applicable |
|-----------------|----------------|

## Section 15. Regulatory Information

|                               |  |
|-------------------------------|--|
| <b>Canada – DSL Inventory</b> | All components of this product are on the Domestic Substances List (DSL) |
|-------------------------------|--|

|             |  |
|-------------|--|
| <b>TSCA</b> | All components of this product are on the Toxic Substances Control Act (TSCA) Inventory List |
|-------------|--|

|                               |      |
|-------------------------------|------|
| <b>Additional Information</b> | None |
|-------------------------------|------|

## Section 16. Other Information

|                    |   |
|--------------------|---|
| <b>NFPA Rating</b> | Health-0/ Flammability-0/Reactivity-0/Special Hazard-Not applicable |
|--------------------|---|

|                    |   |
|--------------------|---|
| <b>HMIS Rating</b> | Health-0/Flammability-0/Reactivity-0/Personal Protection-See Section 8. |
|--------------------|---|

|                     |  |
|---------------------|--|
| <b>Prepared by:</b> | Blackstone Drilling Fluids, Technical Department |
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|                       |            |
|-----------------------|------------|
| <b>Date Prepared:</b> | 2020/07/20 |
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|                                 |     |
|---------------------------------|-----|
| <b>Date of Latest Revision:</b> | N/A |
|---------------------------------|-----|