

## JETDFOAM

SECTION 1. IDENTIFICATION		
<b>Product Identifier</b>	<b>JETDFOAM</b>	<b>Version: 2</b> <b>Effective Date: December 18, 2018</b>
<b>Other Means Of Identification</b>	None	
<b>Initial Supplier Identifier</b>	Blackstone Drilling Fluids Limited 1600, 510 – 5 <sup>th</sup> Street SW Calgary, AB T2P 3S2 Tel: 403-262-5955	
<b>Recommended Use and Restrictions On Use</b>	Defoamer and Lubricant. No restrictions.	
<b>Product Family</b>	Blend	
<b>24 Hour Emergency Day</b>	CANUTEC, 613-996-6666 or *666 on a cellular phone (Canada Only), 24 Hours /	

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			

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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.
<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. 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.

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### 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/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
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<b>Appropriate Engineering Controls</b>	None required.
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#### Individual Protective Measures

<b>Eye / Face Protection</b>	Safety glasses.
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<b>Skin Protection</b>	None required.
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<b>Respiratory Protection</b>	None required.
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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Colourless viscous liquid
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<b>Odour</b>	Sweet
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<b>Odour Threshold</b>	Not data
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<b>pH</b>	Not applicable
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<b>Flash Point</b>	200 °C
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<b>Boiling Point and Boiling Range</b>	Not data
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<b>Melting Point / Freezing point</b>	-26 °C
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<b>Evaporation Rate</b>	Not data
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<b>Flammability (solid, gas)</b>	Not applicable
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<b>Upper and Lower Flammability or Explosive Limits</b>	No data
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<b>Vapour Pressure</b>	Not data
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<b>Vapour Density</b>	Not data
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<b>Relative Density</b>	1.004
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<b>Solubility</b>	Dispersible
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<b>Partition co-efficient, n-Octanol/Water</b>	No data
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<b>Auto-ignition Temperature</b>	Not available
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<b>Decomposition Temperature</b>	No data
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<b>Viscosity</b>	No data
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SECTION 10. STABILITY AND REACTIVITY	
<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 (this material will burn if sufficient heat is applied).
<b>Incompatible Materials</b>	Strong oxidisers.
<b>Hazardous Decomposition Products</b>	Not expected to decompose under normal conditions of use.

SECTION 11. TOXICOLOGICAL INFORMATION			
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		

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<b>Other Information</b>	N/A
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### 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

### SECTION 13. DISPOSAL CONSIDERATIONS

<b>Disposal Considerations</b>	Dispose of contents / container in accordance with local regulations.
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### 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
<b>Date Prepared:</b>	18 <sup>th</sup> December, 2018

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Date of Latest Revision: 18<sup>th</sup> December, 2018

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