

## JetGreen

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	<b>JetGreen</b>	<b>Version: 2</b> <b>Effective Date: 18th December, 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>	Drilling and coil tubing lubricant. No restrictions.	
<b>Product Family</b>	Blend	
<b>24 Hour Emergency Day</b>	<b>CANUTEC, 613-996-6666 or *666 on a cellular phone (Canada Only), 24 Hours /</b>	

### 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</b>	Non Hazardous. <b>Statement</b>
<b>Precautionary Response</b>	Non Hazardous <b>Statement</b>
<b>Precautionary Storage</b>	Non Hazardous <b>Statement</b>
<b>Precautionary Disposal</b>	Non Hazardous <b>Statement</b>
<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			

## JetGreen

### 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 Media</b>	Use extinguishing media suitable for surrounding fire. <b>Extinguishing</b>
<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.

## JetGreen

<b>Methods and Materials For Containment and Clean-Up</b>	Mop, soak or pump up split 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

Control Parameters	TWA: 8 Hr	STEL: 15 min	Ceiling	IDLH *
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</b>	None required. <b>Controls</b>			
<b>Individual Protective Measures</b>				
<b>Eye / Face Protection</b>	Safety glasses.			
<b>Skin Protection</b>	None required.			
<b>Respiratory Protection</b>	None required.			

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Brown viscous liquid
<b>Odour</b>	Sweet
<b>Odour Threshold</b>	Not data
<b>pH</b>	Not applicable
<b>Flash Point</b>	290 °C
<b>Boiling Point and Boiling Range</b>	Not data
<b>Melting Point / Freezing point</b>	-10 °C
<b>Evaporation Rate</b>	Not data
<b>Flammability (solid, gas)</b>	Not applicable
<b>Upper and Lower Flammability or Explosive Limits</b>	No data

## JetGreen

Vapour Pressure	Not data
Vapour Density	Not data
Relative Density	0.934
Solubility	Dispersible
Partition co-efficient, nOctanol/Water	No data
Auto-ignition Temperature	Not available
Decomposition Temperature	No data
Viscosity	No data

### SECTION 10. STABILITY AND REACTIVITY

Reactivity	Stable.
Chemical Stability	The product is stable
Possibility of Hazardous Reactions	Will not occur
Conditions to Avoid	Elevated temperatures or fire conditions (this material will burn if sufficient heat is applied).
Incompatible Materials	Strong oxidizers.
Hazardous Decomposition Products	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		

## JetGreen

<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</b>	Not hazardous <b>Lactation</b>
<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

### 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

## JetGreen

<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 13. DISPOSAL CONSIDERATIONS

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