


<b>Product Identifier</b>	ULTRA-BLEND 2	<b>Revision: 1</b> <b>Effective Date: 2025/11/04</b>
<b>Initial Supplier Identifier</b>	Blackstone Drilling Fluids Limited Suite 700, 215 - 9th Avenue SW Calgary, AB T2R 1K3 Tel: 403-262-5955	
<b>Recommended Use</b>	Drilling and coil tubing lubricant dispersant	
<b>Restrictions on Use</b>	None	
<b>Other means of Identification (Product family, synonyms, etc.)</b>	Blend	
<b>24 Hour Emergency</b>	Contact 403.262.5955: business hours Monday – Friday 8:00AM-4:00PM MST. After business hours you will be forwarded to an on-call service. This product is also registered with Canutec (613) 996-6666 *666 on a cellular phone.	

## Section 2. Hazard Identification

<b>Classification</b>	Flammable liquid and vapour. - Category 4 Aspiration hazard - Category 1 Irritation, Category 2 Eye irritation - Category 2 Carcinogenicity - Category 2
<b>Label Elements</b>	
Symbol(s)	
Signal Word	Danger
Hazard Statement(s)	H227 Combustible liquid. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H319 Causes serious eye irritation. H351 Suspected of causing cancer.
Precautionary Prevention Statement(s)	P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P264 Wash hands thoroughly after handling. P280 Wear eye protection/face protection/protective clothing/protective

	gloves. P308+P313 IF exposed or concerned: Get medical advice/attention. P331 Do NOT induce vomiting. P332+P313 If skin irritation occurs: Get medical advice/attention. P337+P313 If eye irritation persists: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse P405 Store locked up.
<b>Other Hazards</b>	None

Section 3. Composition / Information on Ingredients		
Chemical name	CAS No	%
Amides, from C18-unsatd. fatty acids dimers and diethanolamine	68526-59-0	30 - 60
Aromatic Solvent	64742-94-5	5 - 25
Balance of ingredients is non-hazardous and constitutes a proprietary blend.		

Section 4. First-Aid Measures	
<b>Inhalation</b>	Remove patient from contaminated area. If breathing has stopped, give artificial respiration, then oxygen if needed. Contact a physician immediately.
<b>Skin Contact</b>	Wash with water and soap.
<b>Eye Contact</b>	Flush eyes with water for 15 minutes. Seek 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>	No information available.
<b>Immediate Medical Attention and Special Treatment</b>	None

Section 5. Fire-Fighting Measures	
<b>Suitable Extinguishing Media</b>	ABC-powder, Water mist, Carbon dioxide (CO2), Foam
<b>Unsuitable Extinguishing Media</b>	Strong Water Jet
<b>Specific Hazards Arising from the Product</b>	Wear usual fire protective clothing and self contained breathing apparatus in emergencies.
<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</b>	Eliminate all sources of ignition and evacuate area. Stop leak and contain the liquid if safe to do so. Provide adequate ventilation. Do not walk through spilled material. Wear appropriate Personal Protective Equipment. Do not allow spilled material to enter waterways or storm drains.
<b>Protective Equipment</b>	Gloves, safety glasses and footwear suitable for workplace.
<b>Emergency Procedures</b>	Evacuate all unnecessary personnel.
<b>Methods and Materials for Containment and Clean-Up</b>	Mop, soak, or pump-up spilled 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. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. After handling wash thoroughly before eating or drinking. Keep away from heat and sources of ignition. Empty drums should be completely drained, tightly closed, and properly disposed of. When sampling containers use the appropriate PPE. Use only with adequate ventilation. Wear the appropriate Personal Protective Equipment at all times when handling product.
<b>Conditions For Safe Storage</b>	Keep containers closed when not in use. Protect containers from physical damage.
<b>Incompatible Materials</b>	Strong oxidizers.

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>
-No data available				
<b>Appropriate Engineering Controls</b>	Local exhaust ventilation. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low. Use mechanical handling to reduce human contact with the materials.			
<b>Individual Protective Measures</b>				
Eye / Face Protection	Spectacles with side protection.			
Skin Protection	Chemical resistant gloves and appropriate protective clothing			

	must be worn to prevent contact with the skin.
Respiratory Protection	In case of inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
<b>Section 9. Physical and Chemical Properties</b>	
Physical state	Liquid
Color	Dark Liquid
Odour	Aromatic
Melting Point / Freezing point	No data
Boiling Point and Boiling Range	No data
Flammability	No data
Lower Flammable or Explosive Limit	No data
Upper Flammable or Explosive Limit	No data
Flash Point	>61oC
Auto-ignition Temperature	No data
Decomposition Temperature	No data
pH	No data
Kinematic viscosity	No data
Solubility	Insoluble
Partition co-efficient, n-Octanol/Water	No data
Vapour Pressure	No data
Relative vapour density	0.9 – 1.0
Particle Characteristics	No data

<b>Section 10. Stability and Reactivity</b>	
Reactivity	Stable
Chemical Stability	Stable
Possibility of Hazardous Reactions	No hazardous reaction when handled and stored according to provisions.
Conditions to Avoid	Electrostatic discharge Prolonged exposure to extreme heat Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Incompatible Materials	Strong oxidizers.
Hazardous Decomposition Products	Not expected to decompose under normal conditions of use.

<b>Section 11. Toxicological Information</b>	
Aromatic Solvent (64742-94-5) LD50 oral (rat) > 5000 mg/kg LD50 dermal (rabbit) > 2000 mg/kg LC50 inhalation (rat) > 580 ppmV	

<b>Likely Routes of Exposure</b>	
<b>Symptoms related to physical, chemical, and toxicological characteristics</b>	
Skin:	Irritation, Category 2 - Causes skin irritation..
Eyes:	Eye irritation - Category 2 - Causes serious eye irritation.
<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>Carcinogenicity</b>	Category 2 - Suspected of causing cancer.

<b>Section 12. Ecological Information</b>	
<b>Ecotoxicity</b>	No data
<b>Persistence and Degradability</b>	No data
<b>Bioaccumulation Potential</b>	No data
<b>Mobility in Soil</b>	No data
<b>Other Adverse Effects</b>	No data

<b>Section 13. Disposal considerations</b>	
<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>	
<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>	N/A
<b>Special Precaution</b>	N/A

<b>Section 15. Regulatory Information</b>	
<b>Safety, health, and environmental regulations specific to product</b>	<b>Canada</b> – DSL Inventory All components of this product are on the Domestic Substances List (DSL). <b>USA</b> - All components of this product are on the Toxic Substances Control Act (TSCA) Inventory List.

<b>Section 16. Other Information</b>	
<b>Prepared by:</b>	Blackstone Drilling Fluids Ltd. Technical Department
<b>Date Prepared:</b>	2025/11/04
<b>Date of Latest Revision:</b>	
<b>Revision Notes:</b>	

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