

### SECTION 1: IDENTIFICATION

<b>PRODUCT IDENTIFIER:</b>	<b>AE-851</b>
<b>OTHER MEANS OF IDENTIFICATION:</b>	Earth Pro AE-851
<b>RECOMMENDED USE:</b>	Drilling fluid additive
<b>RESTRICTIONS ON USE:</b>	None known
<b>SUPPLIER IDENTIFIER:</b>	<b>Di-Corp</b> <b>8750-53 Ave</b> <b>Edmonton, AB T6E 5G2</b> <b>780-440-4923</b>
<b>EMERGENCY PHONE NUMBER:</b>	780-468-4064 (24 hr)

### SECTION 2: HAZARD IDENTIFICATION

<b>CLASSIFICATION:</b>	Not classified according to Part 2 of HPR.
<b>LABEL SYMBOLS:</b>	Not applicable
<b>SIGNAL WORD:</b>	Not applicable
<b>CLASSIFICATION INFORMATION:</b>	Not applicable
<b>PRECAUTIONARY STATEMENTS:</b>	Not applicable
<b>OTHER HAZARDS:</b>	Spills create extremely slippery surfaces.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	CONCENTRATION (wt%)
Distillates (petroleum), hydrotreated light	64742-47-8	10 – 50
Alcohols, C <sub>11-14</sub> -iso-, C <sub>13</sub> -rich, ethoxylated	78330-21-9	<5

### SECTION 4: FIRST AID MEASURES

<b>SKIN CONTACT:</b>	Remove contaminated clothing; wash exposed area thoroughly with soap and water. If irritation develops, and persists, obtain medical attention. Wash contaminated clothing before reuse.
<b>EYE CONTACT:</b>	Immediately flush with gently flowing warm water for minimum 15 minutes. Hold eyelids open to ensure thorough flushing. Neutral saline may be used as soon as it is available. Obtain medical attention when flushing is complete, and no further irritation is felt.
<b>INGESTION:</b>	Do not induce vomiting unless directed to do so by medical personnel. Rinse mouth with water. Give one to two glasses of water dilute. If vomiting occurs, keep head below hips to ensure vomitus is not aspirated. If symptoms develop, obtain medical attention. Never give anything by mouth if victim is unconscious, rapidly losing consciousness or convulsing.
<b>INHALATION:</b>	Move to fresh air. Apply oxygen or artificial respiration if required. If breathing difficulties or distress continues, obtain medical attention.
<b>MOST IMPORTANT SYMPTOMS / EFFECTS:</b>	May cause eye irritation.
<b>IMMEDIATE MEDICAL ATTENTION / SPECIAL TREATMENT:</b>	Treat symptomatically.

### SECTION 5: FIRE-FIGHTING MEASURES

<b>SUITABLE EXTINGUISHING MEDIA:</b>	Carbon dioxide, dry chemical, foam or water spray.
<b>UNSUITABLE EXTINGUISHING MEDIA:</b>	None known.
<b>SPECIFIC FIRE HAZARDS:</b>	None known.
<b>HAZARDOUS COMBUSTION PRODUCTS:</b>	Oxides of carbon and oxides of nitrogen.
<b>SPECIAL PROTECTIVE EQUIPMENT &amp; PRECAUTIONS:</b>	Self-contained breathing apparatus required for fire-fighting personnel. Move from fire area if possible.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Use appropriate safety equipment. Prevent further leakage or spillage if safe to do so. Spills produce extremely slippery surfaces. Keep people away. Do not flush with water.

### METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Collect spilled material by vacuum if possible. Soak up remainder with absorbent material. Collect uncontaminated material for repackaging. Collect contaminated material and absorbent in approved containers for disposal. Wash spill area with thoroughly until non-slippery.

## SECTION 7: HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING

Avoid skin and eye contact. Wash thoroughly after handling. Use only in a well-ventilated area.

### CONDITIONS FOR SAFE STORAGE & INCOMPATIBILITIES

Store in a cool, dry area away from incompatible materials. Keep between 0°C and 30°C. Freezing will affect the physical condition and may damage the material. Keep away from heat and sources of ignition. Slippery when wet.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>EXPOSURE LIMITS:</b>	Product and ingredient information is not available.
<b>ENGINEERING CONTROLS:</b>	Use local exhaust ventilation, process enclosure or other engineering controls as required to maintain vapour/mist concentration below TLV's.
<b>PERSONAL PROTECTIVE MEASURES</b>	
<b>RESPIRATORY PROTECTION:</b>	Not required under normal conditions of use.
<b>PROTECTIVE GLOVES:</b>	Rubber gloves recommended.
<b>EYE PROTECTION:</b>	Safety glasses with side-shields or chemical goggles.
<b>OTHER PROTECTIVE EQUIPMENT (SPECIFY):</b>	Protective clothing as required to prevent contact. Ensure eye-wash station and emergency shower are available.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE:</b>	Liquid
<b>ODOUR:</b>	Not available
<b>ODOUR THRESHOLD:</b>	Not available
<b>pH:</b>	Not available
<b>MELTING POINT / FREEZING POINT:</b>	Not available
<b>BOILING POINT / RANGE:</b>	Not available
<b>FLASH POINT:</b>	Not available
<b>EVAPORATION RATE:</b>	Not available
<b>FLAMMABILITY:</b>	Not available
<b>FLAMMABILITY / EXPLOSIVE LIMITS:</b>	Not available
<b>VAPOUR PRESSURE:</b>	Not available
<b>VAPOUR DENSITY:</b>	Not available
<b>RELATIVE DENSITY:</b>	Not available
<b>SOLUBILITY:</b>	Not available
<b>PARTION COEFFICIENT:</b>	Not available
<b>AUTO-IGNITION TEMPERATURE:</b>	Not available
<b>DECOMPOSITION TEMPERATURE:</b>	Not available
<b>VISCOSITY:</b>	>20.5 mm <sup>2</sup> /s

### SECTION 10: STABILITY AND REACTIVITY

<b>REACTIVITY:</b>	This product is not reactive under normal conditions of use, storage and transport.
<b>CHEMICAL STABILITY:</b>	This product is stable under normal conditions of use, storage and transport.
<b>POSSIBILITY OF HAZARDOUS REACTIONS:</b>	None under normal conditions of use.
<b>CONDITIONS TO AVOID:</b>	Direct sunlight. Extremely high or low temperatures. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
<b>INCOMPATIBLE MATERIALS:</b>	Contact with oxidizing materials may cause exothermic reactions.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Not available.

### SECTION 11: TOXICOLOGICAL INFORMATION

<b>PRODUCT TOXICITY:</b>	LD50 (oral, rat) > 5000 mg/kg LD50 (dermal, rat) > 5000 mg/kg		
<b>COMPONENT TOXICITY</b>			
<b>INGREDIENT</b>	<b>LD 50 (oral, rat)</b>	<b>LD50 (dermal)</b>	<b>LC50 (inhal, rat)</b>
Distillates, hydrotreated light	>5000 mg/kg	>5000 mg/kg	4951 mg/m <sup>3</sup> /4hr
Alcohols, C11-14-iso-, C13 rich, ethoxylated	>2000 mg/kg	>2000 mg/kg	Not available
<b>SKIN CONTACT:</b>	Non-irritating to intact skin. Minor irritation may occur on abraded skin. Prolonged contact may cause irritation (red, dry, cracked skin).		
<b>EYE CONTACT:</b>	May cause eye irritation.		
<b>INGESTION:</b>	Although low in toxicity, ingestion can be harmful. May cause nausea, vomiting, stomach-ache and diarrhea.		
<b>INHALATION:</b>	No effects expected.		
<b>CARCINOGENICITY:</b>	Not listed by NTP, IARC, OSHA or ACGIH.		
<b>TERATOGENICITY:</b>	No information available.		
<b>REPRODUCTIVE TOXICITY:</b>	No information available.		
<b>MUTAGENICITY:</b>	No information available.		
<b>CHRONIC TOXICITY:</b>	No information available.		
<b>TARGET ORGAN EFFECTS:</b>	Not available.		

### SECTION 12: ECOLOGICAL INFORMATION

<b>ECOTOXICITY:</b>	The product is not considered harmful to aquatic organisms nor to cause long-term effects in the environments
<b>PERSISTENCE AND DEGRADABILITY:</b>	No information available.
<b>BIOACCUMULATIVE POTENTIAL:</b>	No information available.
<b>MOBILITY IN SOIL:</b>	No information available.
<b>OTHER ADVERSE EFFECTS:</b>	None know.

### SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with federal, provincial and local regulations. It is the responsibility of the end-user to determine if material meets the criteria of hazardous waste at the time of disposal. Empty containers, which have not been cleaned and purged, contain residual hazardous material and must be recycled, or disposed of, in accordance with local regulations.

**SECTION 14: TRANSPORTATION INFORMATION**

<b>TDG</b>	Not regulated
<b>DOT</b>	Not regulated
<b>IATA</b>	Not regulated
<b>IMDG</b>	Not regulated
<b>UN NUMBER:</b>	Not applicable
<b>PROPER SHIPPING NAME:</b>	Not applicable
<b>CLASS:</b>	Not applicable
<b>PACKING GROUP:</b>	Not applicable
<b>IMDG HAZARDS:</b>	Not a marine pollutant
<b>BULK TRANSPORT:</b>	Not regulated
<b>SPECIAL PRECAUTIONS:</b>	None

**SECTION 15: REGULATORY INFORMATION**

<b>DSL:</b>	Listed
<b>TSCA:</b>	Listed

**SECTION 16: OTHER INFORMATION**

<b>REVISION DATE:</b>	February 25, 2025
<b>REPLACES:</b>	January 28, 2025

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