

SECTION 1: IDENTIFICATION

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

SECTION 2: HAZARD IDENTIFICATION

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

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
Distillates, hydrotreated light	64742-47-8	20-45% (w/w)
Alcohols, C ₁₁₋₁₄ -iso-, C ₁₃ rich, ethoxylated	78330-21-9	1 – 5% (w/w)

SECTION 4: FIRST AID MEASURES

SKIN CONTACT: Remove contaminated clothing; wash exposed area thoroughly with soap and water. If irritation develops and persists obtain medical attention.

EYE CONTACT: Immediately flush eyes with gently flowing warm water for minimum 15 minutes. If irritation persists, obtain medical attention.

INGESTION: Do not induce vomiting unless directed to do so by medical personnel. 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 patient is unconscious, rapidly losing consciousness or convulsing.

INHALATION: Move to fresh air. Apply oxygen or artificial respiration if required. If breathing difficulties or distress continues, obtain medical attention.

MOST IMPORTANT SYMPTOMS / EFFECTS: No known significant acute or chronic effects are expected as a result of contact with this product.

IMMEDIATE MEDICAL ATTENTION / SPECIAL TREATMENT: Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, water spray or foam.

UNSUITABLE EXTINGUISHING MEDIA: None known.

SPECIFIC FIRE HAZARDS: None known.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon and oxides of nitrogen.

SPECIAL PROTECTIVE EQUIPMENT & PRECAUTIONS:

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

EXPOSURE LIMITS:

Product and ingredient information is not available.

ENGINEERING CONTROLS:

Use local exhaust ventilation, process enclosure or other engineering controls as required to maintain vapour/mist concentration below TLV's.

PERSONAL PROTECTIVE MEASURES

RESPIRATORY PROTECTION:

Not required under normal conditions of use.

PROTECTIVE GLOVES:

Rubber gloves recommended.

EYE PROTECTION:

Safety glasses with side-shields or chemical goggles.

OTHER PROTECTIVE EQUIPMENT (SPECIFY):

Ensure eye-wash station and emergency shower are available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

Milky white liquid

ODOUR:

Slight aliphatic odour

ODOUR THRESHOLD:

Not available

pH:

5 – 9 @ 5g/L

MELTING POINT / FREEZING POINT:

<5°C

BOILING POINT / RANGE:

>100°C

FLASH POINT:

Not applicable

EVAPORATION RATE:

Not available

FLAMMABILITY:

Not applicable

FLAMMABILITY / EXPLOSIVE LIMITS:

Not applicable

VAPOUR PRESSURE:

2.3 kPa @ 20°C

VAPOUR DENSITY:

Not available

RELATIVE DENSITY:

Not available

SOLUBILITY:

Completely miscible in water

PARTITION COEFFICIENT:

Not available

AUTO-IGNITION TEMPERATURE:

Not applicable

DECOMPOSITION TEMPERATURE:

Not available

VISCOSITY: >20.5 mm²/s @40°C (kinematic)

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: No information available
 CHEMICAL STABILITY: Stable under normal conditions
 POSSIBILITY OF HAZARDOUS REACTIONS: Polymerization will not occur
 CONDITIONS TO AVOID: Avoid extremes of temperature. Protect from light, moisture and damage.
 INCOMPATIBLE MATERIALS: Contact with oxidizing materials may cause exothermic reactions.
 HAZARDOUS DECOMPOSITION PRODUCTS: No information available.

SECTION 11: TOXICOLOGICAL INFORMATION

PRODUCT TOXICITY: LD50 (oral, rat) > 5000 mg/kg
 LD50 (dermal, rat) > 5000 mg/kg
 COMPONENT TOXICITY

INGREDIENT	LD 50 (oral, rat)	LD50 (dermal)	LC50 (inhal, rat)
Distillates, hydrotreated light	>5000 mg/kg	>5000 mg/kg	4951 mg/m ³ /4hr
Alcohols, C11-14-iso-, C13 rich, ethoxylated	>2000 mg/kg	>2000 mg/kg	Not available

SKIN CONTACT: No effects expected.
 EYE CONTACT: May cause slight irritation.
 INGESTION: No adverse effects expected from incidental ingestion.
 INHALATION: No effects expected.
 CARCINOGENICITY: Not listed by IARC, NTP, ACGIH or OSHA.
 TERATOGENICITY: Not toxic based on available information.
 REPRODUCTIVE TOXICITY: Not toxic based on available information.
 MUTAGENICITY: Not mutagenic based on available information.
 CHRONIC TOXICITY: No information available.
 TARGET ORGAN EFFECTS: No information available.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: LC50/Fish/96 hr > 100mg/L
 EC50/Daphnia/48 hr > 100 mg/L
 IC50/Algae/72 hr > 100 mg/L
 PERSISTENCE AND DEGRADABILITY: Not readily biodegradable.
 BIOACCUMULATIVE POTENTIAL: Not likely to bioaccumulate.
 MOBILITY IN SOIL: No information available.
 OTHER ADVERSE EFFECTS: No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose/incinerate in accordance with federal, state 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.

SECTION 14: TRANSPORTATION INFORMATION

UN NUMBER: Not applicable
 PROPER SHIPPING NAME: Not applicable

CLASS:	Not applicable
PACKING GROUP:	Not applicable
IMDG HAZARDS:	Not applicable
BULK TRANSPORT:	Not applicable
SPECIAL PRECAUTIONS:	Not applicable

SECTION 15: REGULATORY INFORMATION

DSL:	All ingredients are listed on the DSL.
WHMIS CLASS:	Not controlled
TSCA:	All ingredients are listed or exempt from listing.

SECTION 16: OTHER INFORMATION

REVISION DATE:	January 27, 2017
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