


SECTION 1: IDENTIFICATION

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

SECTION 2: HAZARD IDENTIFICATION

CLASSIFICATION:	Serious eye damage / eye irritation – Category 2A
LABEL SYMBOLS:	
SIGNAL WORD:	WARNING
CLASSIFICATION INFORMATION:	Causes serious eye irritation.
PRECAUTIONARY STATEMENTS:	Wash face, hands and any exposed skin thoroughly after handling. Wear eye protection/ face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
OTHER HAZARDS:	None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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

SECTION 4: FIRST AID MEASURES

SKIN CONTACT:	Wash thoroughly with water and soap. If irritation occurs and persists, obtain medical attention. Remove and launder contaminated clothing before rewearing.
EYE CONTACT:	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.
INGESTION:	Do not induce vomiting. Rinse mouth with water. Give one to two glasses of water dilute. Obtain medical attention immediately. Never give anything by mouth if victim is unconscious, rapidly losing consciousness or convulsing.
INHALATION:	Move to fresh air. If victim is not breathing, if breathing is irregular or if respiratory rest occurs, provide artificial respiration or oxygen by trained personnel. If breathing difficulties or distress continues obtain medical attention.
MOST IMPORTANT SYMPTOMS / EFFECTS:	Causes serious eye damage / eye irritation.
IMMEDIATE MEDICAL ATTENTION / SPECIAL TREATMENT:	Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:	Carbon dioxide, dry chemical, foam or water spray.
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):	Protective clothing as required to prevent contact. Ensure eye-wash station and emergency shower are available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Liquid
ODOUR:	Not available
ODOUR THRESHOLD:	Not available
pH:	Not available
MELTING POINT / FREEZING POINT:	Not available
BOILING POINT / RANGE:	Not available
FLASH POINT:	Not available
EVAPORATION RATE:	Not available
FLAMMABILITY:	Not available
FLAMMABILITY / EXPLOSIVE LIMITS:	Not available
VAPOUR PRESSURE:	Not available
VAPOUR DENSITY:	Not available
RELATIVE DENSITY:	Not available
SOLUBILITY:	Not available
PARTION COEFFICIENT:	Not available
AUTO-IGNITION TEMPERATURE:	Not available
DECOMPOSITION TEMPERATURE:	Not available

VISCOSITY:	>20.5 mm ² /s
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SECTION 10: STABILITY AND REACTIVITY

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

SECTION 11: TOXICOLOGICAL INFORMATION

PRODUCT TOXICITY:	LD50 (oral, rat) > 5000 mg/kg LD50 (dermal, rat) > 5000 mg/kg
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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:	Non-irritating to intact skin. Minor irritation may occur on abraded skin. Prolonged contact may cause irritation (red, dry, cracked skin).
EYE CONTACT:	Causes serious eye irritation.
INGESTION:	Although low in toxicity, ingestion can be harmful. May cause nausea, vomiting, stomach-ache and diarrhea.
INHALATION:	No effects expected.
CARCINOGENICITY:	Not listed by NTP, IARC, OSHA or ACGIH.
TERATOGENICITY:	No information available.
REPRODUCTIVE TOXICITY:	No information available.
MUTAGENICITY:	No information available.
CHRONIC TOXICITY:	No information available.
TARGET ORGAN EFFECTS:	Not available.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY:	The product is not considered harmful to aquatic organisms nor to cause long-term effects in the environments
PERSISTENCE AND DEGRADABILITY:	No information available.
BIOACCUMULATIVE POTENTIAL:	No information available.
MOBILITY IN SOIL:	No information available.
OTHER ADVERSE EFFECTS:	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

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

SECTION 15: REGULATORY INFORMATION

DSL:	Listed
TSCA:	Listed

SECTION 16: OTHER INFORMATION

REVISION DATE:	January 28, 2025
REPLACES:	November 7, 2019

The information contained herein is given in good faith, but no warranty, expressed or implied, is made.