

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER:	EARTH PRO ION FLOC L
OTHER MEANS OF IDENTIFICATION:	Not applicable
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:	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
Contains no hazardous ingredients.		

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 15 minutes, or until irritation ceases. If irritation persists, obtain medical attention.
INGESTION:	Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Obtain medical attention if symptoms occur. 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, oxides of nitrogen. Hydrogen cyanide may be produced in the event of combustion in an oxygen deficient atmosphere.
SPECIAL PROTECTIVE EQUIPMENT & PRECAUTIONS:	Self-contained breathing apparatus required for fire-fighting personnel. Move from fire area if possible. Spills create extremely slippery surfaces.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Use appropriate safety equipment. Do not flush with water. The product renders surfaces extremely slippery.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Do not flush spill with water. Collect spilled material by vacuum if possible. Soak up remainder, and small spills, with inert absorbent. Collect uncontaminated material for repackaging. Collect contaminated material and absorbent in approved containers for disposal. Wash spill area with water thoroughly until non-slippery.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Avoid skin and eye contact. Wash thoroughly after handling.

CONDITIONS FOR SAFE STORAGE & INCOMPATIBILITIES

Keep away from heat and sources of ignition. Freezing will affect the physical condition and may damage the product.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS:	Not available.
ENGINEERING CONTROLS:	Use local exhaust if misting occurs. Natural ventilation is adequate in absence of mists.
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:	Clear to light yellow liquid
ODOUR:	None
ODOUR THRESHOLD:	Not applicable
pH:	3 – 7
MELTING POINT / FREEZING POINT:	>5°C
BOILING POINT / RANGE:	>100°C
FLASH POINT:	Does not flash
EVAPORATION RATE:	Not available
FLAMMABILITY:	Not applicable
FLAMMABILITY / EXPLOSIVE LIMITS:	Not applicable
VAPOUR PRESSURE:	2.3kPa @ 20°C
VAPOUR DENSITY:	0.804 g/L @ 20°C
RELATIVE DENSITY:	1.0 – 1.2
SOLUBILITY:	Completely miscible with water
PARTITION COEFFICIENT:	<0
AUTO-IGNITION TEMPERATURE:	Not applicable
DECOMPOSITION TEMPERATURE:	>150°C
VISCOSITY:	Not available

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY:	No information available.
CHEMICAL STABILITY:	Stable under recommended storage conditions.
POSSIBILITY OF HAZARDOUS REACTIONS:	None known.
CONDITIONS TO AVOID:	Protect from frost, heat and sunlight.
INCOMPATIBLE MATERIALS:	None known.
HAZARDOUS DECOMPOSITION PRODUCTS:	Thermal decomposition may produce hydrogen chloride gas, nitrogen oxides, carbon oxides and/or hydrogen cyanide.

SECTION 11: TOXICOLOGICAL INFORMATION

PRODUCT TOXICITY:	LD ₅₀ (oral, rat) > 5000 mg/kg LD ₅₀ (dermal, rat) > 5000 mg/kg
SKIN CONTACT:	Not irritating.
EYE CONTACT:	Slightly irritating.
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/Danio rerio/96 hr > 100mg/L EC50/Daphnia magna/48 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 local, provincial and/or federal regulations. Can be landfilled or incinerated, when in compliance with 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

TDG	Not regulated
DOT	Not regulated
IATA	Not regulated
IMDG	Not regulated
IMDG HAZARDS:	Not applicable
BULK TRANSPORT:	Not applicable
SPECIAL PRECAUTIONS:	Not applicable

SECTION 15: REGULATORY INFORMATION

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

SECTION 16: OTHER INFORMATION

PREPARATION DATE:	May 6, 2025
REPLACES:	None

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