

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER: **DI-SPERSE 72L**

OTHER MEANS OF IDENTIFICATION: None

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
	Contains no hazardous ingredients.	

SECTION 4: FIRST AID MEASURES

SKIN CONTACT: Wash off with plenty of water. If irritation develops and persists obtain medical attention.

EYE CONTACT: Immediately flush with gently flowing warm water. If irritation persists, obtain medical attention.

INGESTION: Do not induce vomiting unless directed to do so by medical personnel. Obtain medical attention.

INHALATION: Move to fresh air. Apply oxygen or artificial respiration if required. Obtain immediate medical attention.

MOST IMPORTANT SYMPTOMS / EFFECTS: No known effects.

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, or cool with water spray, 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.

CONDITIONS FOR SAFE STORAGE & INCOMPATIBILITIES

Store in a cool, dry area away from incompatible materials. Keep away from heat and sources of ignition.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS: None.
ENGINEERING CONTROLS: Natural ventilation is adequate in absence of mists. 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: Clear to slightly yellow liquid
ODOUR: Slight odour
ODOUR THRESHOLD: Not available
pH: 6 – 9
MELTING POINT / FREEZING POINT: 5°C
BOILING POINT / RANGE: 100°C
FLASH POINT: Not applicable
EVAPORATION RATE: Same as water
FLAMMABILITY: Not applicable
FLAMMABILITY / EXPLOSIVE LIMITS: Not applicable
VAPOUR PRESSURE: 2.3 kPa @ 20°C

VAPOUR DENSITY:	~0.8 g/L
RELATIVE DENSITY:	1.0 – 1.4
SOLUBILITY:	Completely miscible in water
PARTITION COEFFICIENT:	~0
AUTO-IGNITION TEMPERATURE:	Not applicable
DECOMPOSITION TEMPERATURE:	>100°C
VISCOSITY:	Not available

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY:	None known.
CHEMICAL STABILITY:	Stable.
POSSIBILITY OF HAZARDOUS REACTIONS:	No dangerous reaction known under conditions or normal use.
CONDITIONS TO AVOID:	None known
INCOMPATIBLE MATERIALS:	None known
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of carbon and oxides of nitrogen.

SECTION 11: TOXICOLOGICAL INFORMATION

PRODUCT TOXICITY:	LD50 (oral, rat) > 5000 mg/kg (estimated) LD50 (dermal, rat) > 5000 mg/kg (estimated)
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 (estimated) EC50/Daphnia/48 hr > 100 mg/L (estimated) IC50/Algae/72 hr > 100 mg/L (estimated)
PERSISTENCE AND DEGRADABILITY:	Not readily biodegradable. Does not hydrolyze.
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 1988 CLASS:	Not controlled
TSCA:	All ingredients are listed or exempt from listing.

SECTION 16: OTHER INFORMATION

REVISION DATE:	November 7, 2019
REPLACES:	March 20, 2017

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