

## SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER: **DRISPAC (REGULAR and SUPERLO) POLYMER**

OTHER MEANS OF IDENTIFICATION: None

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: Combustible Dust – Category 1

LABEL SYMBOLS: Not applicable

SIGNAL WORD: Warning

HAZARD STATEMENTS: May form combustible dust concentrations in air

OTHER HAZARDS: None

**Prevention**  
Avoid creating dust clouds during use. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground and bond receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use non-sparking tools.

PRECAUTIONARY STATEMENTS: **Response**  
In case of fire: Use CO<sub>2</sub>, dry chemical or foam for extinction.

**Storage**  
Store in closed containers in a dry place.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
Sodium carboxymethylcellulose	9004-32-4	100

## SECTION 4: FIRST AID MEASURES

SKIN CONTACT: Brush away excess material and wash with water. If irritation develops, obtain medical attention.

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

INGESTION: Treat symptomatically. No harmful effects expected.

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: Not available.  
SPECIFIC FIRE HAZARDS: May form an explosive dust/air mixture in the presence of an ignition source. May burn under fire conditions. Risks of ignition followed by flame propagation or secondary explosions can be caused by the accumulation of dust (e.g. on floors and ledges). Electrostatic charge may accumulate and create a hazardous condition when handling this material.  
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon.  
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. Eliminate ignition sources. Avoid creating dust. Non-sparking tools should be used as dust/air mixtures may explode violently.

### METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Collect spilled material by vacuum if possible to avoid generation of dust. Collect uncontaminated material for repackaging. Collect contaminated material in an approved container for disposal. Wash spill area with water until non-slippery.

## SECTION 7: HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING

Avoid skin and eye contact. Wash thoroughly after handling. Avoid breathing dust. Avoid creating dust cloud during handling. Use only in a well ventilated area. Electrostatic charge may accumulate and create a hazardous condition when handling this material. To minimize this hazard, bonding and grounding may be necessary, but may not by themselves be sufficient.

### CONDITIONS FOR SAFE STORAGE & INCOMPATIBILITIES

Store in a cool, dry area away from incompatible materials. Keep away from heat and sources of ignition. Dust generated in handling of this product can be explosive if sufficient quantities are mixed in air in which case ignition sources should be avoided. Slippery when wet.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS: Not available.  
ENGINEERING CONTROLS: Use local exhaust ventilation, process enclosure or other engineering controls as required to maintain vapour concentration below TLV's.

**PERSONAL PROTECTIVE MEASURES**

RESPIRATORY PROTECTION:	Respiratory protection should be worn when there is a potential to exceed exposure limit requirements or guidelines.
PROTECTIVE GLOVES:	Not required.
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:	Off-white powder
ODOUR:	Slight odour
ODOUR THRESHOLD:	Not available
pH:	Not available
MELTING POINT / FREEZING POINT:	Not available
BOILING POINT / RANGE:	Not available
FLASH POINT:	Not applicable
EVAPORATION RATE:	Not available
FLAMMABILITY:	Not applicable
FLAMMABILITY / EXPLOSIVE LIMITS:	Not applicable
VAPOUR PRESSURE:	Not available
VAPOUR DENSITY:	Not available
RELATIVE DENSITY:	Not available
SOLUBILITY:	Soluble in water
PARTITION COEFFICIENT:	Not available
AUTO-IGNITION TEMPERATURE:	Not available
DECOMPOSITION TEMPERATURE:	Not available
VISCOSITY:	Not available

**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:	Open flame and ignition sources.
INCOMPATIBLE MATERIALS:	Keep away from strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS:	No information available.

**SECTION 11: TOXICOLOGICAL INFORMATION**

PRODUCT TOXICITY:	LD50 (oral, rat) = 27,000 mg/kg LC50 (inhalation, rat) > 5800 mg/m <sup>3</sup> /4hr LD50 (dermal, rabbit) > 2000 mg/kg
SKIN CONTACT:	No effects expected.
EYE CONTACT:	May cause slight irritation.
INGESTION:	No adverse effects expected from incidental ingestion.

INHALATION:	High dust levels may cause upper respiratory tract irritation.
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:	Not available
PERSISTENCE AND DEGRADABILITY:	Biodegradable.
BIOACCUMULATIVE POTENTIAL:	No information available.
MOBILITY IN SOIL:	No information available.
OTHER ADVERSE EFFECTS:	Not expected to be harmful to aquatic organisms.

## 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:	On the list.
WHMIS CLASS:	Not controlled
TSCA:	On the list.

## SECTION 16: OTHER INFORMATION

REVISION DATE:	May 11, 2018
REPLACES:	June 29, 2017

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