

## SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER:	<b>MUD TERMINATOR</b>
OTHER MEANS OF IDENTIFICATION:	None
RECOMMENDED USE:	Drilling fluid additive
RESTRICTIONS ON USE:	None known
SUPPLIER IDENTIFIER:	<b>Di-Corp</b> <b>8750-53 Ave</b> <b>Edmonton, AB T6E 5G2</b> <b>780-440-4923</b>
EMERGENCY PHONE NUMBER 24 hr:	780-468-4064

## SECTION 2: HAZARD IDENTIFICATION

CLASSIFICATION:	Not applicable
LABEL SYMBOLS:	Not applicable
SIGNAL WORD:	Not applicable
CLASSIFICATION INFORMATION:	Not applicable
PRECAUTIONARY STATEMENTS:	Not applicable
OTHER HAZARDS:	Not applicable

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
	Contains no WHMIS hazardous ingredients.	

## SECTION 4: FIRST AID MEASURES

SKIN CONTACT:	Wash thoroughly after handling. If irritation develops and persists obtain medical attention.
EYE CONTACT:	Flush with gently flowing warm water until particles are dislodged. If irritation persists obtain medical attention.
INGESTION:	No special measures required. If large amount is swallowed or symptoms develop obtain medical attention.
INHALATION:	If symptoms develop, move victim to fresh air. Apply oxygen or artificial respiration if required. If breathing difficulties or distress continues obtain medical attention.
MOST IMPORTANT SYMPTOMS / EFFECTS:	None known.
IMMEDIATE MEDICAL ATTENTION / SPECIAL TREATMENT:	Treat symptomatically.

## SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:	Water spray, alcohol foam, dry chemical or carbon dioxide.
UNSUITABLE EXTINGUISHING MEDIA:	Not available.
SPECIFIC FIRE HAZARDS:	Fine dust can form explosive mixtures with air. Take measures against electrostatic charge. Wood is combustible when exposed to heat or flame. Wood dusts may form explosive mixtures with air in the presence of an ignition source. An airborne dust concentration of 40 g/m <sup>3</sup> of air is often used as the lower explosion limit (LEL) for wood dust. A void prolonged breathing of wood dust or decomposition products.
HAZARDOUS COMBUSTION PRODUCTS:	Oxides of carbon.
SPECIAL PROTECTIVE EQUIPMENT & PRECAUTIONS:	Self-contained breathing apparatus required for fire-fighting personnel. Move containers 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. Eliminate ignition sources. Collect uncontaminated material for repackaging. Collect contaminated material in approved containers for disposal. Prevent spilled material from entering storm sewers and public waterways.

### METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Spillage should be swept-up or vacuumed immediately to prevent a slip hazard. Avoid generating dust clouds during cleanup. Wash spill area with water.

## SECTION 7: HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING

Practice reasonable caution and personal cleanliness. Avoid generating dusts. Provide adequate exhaust ventilation at places where dust is formed.

### CONDITIONS FOR SAFE STORAGE & INCOMPATIBILITIES

Store in cool dry area away from incompatibles and sources of ignition.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS:	No product or ingredient information available.
ENGINEERING CONTROLS:	Provide adequate exhaust ventilation at places where dust is formed.
<b>PERSONAL PROTECTIVE MEASURES</b>	
RESPIRATORY PROTECTION:	If adequate ventilation is unavailable wear suitable respiratory equipment.
PROTECTIVE GLOVES:	None required under normal conditions of use.
EYE PROTECTION:	Safety glasses with side-shields recommended.
OTHER PROTECTIVE EQUIPMENT (SPECIFY):	Protective clothing and footwear should be worn. Ensure that safety shower and eyewash station are available.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Granular/chips, solid
ODOUR:	Odourless
ODOUR THRESHOLD:	Not applicable
pH:	5.5 – 6.5 (1% in water)
MELTING POINT / FREEZING POINT:	Not applicable
BOILING POINT / RANGE:	Not available
FLASH POINT:	Not applicable
EVAPORATION RATE:	Not available
FLAMMABILITY:	Not available
FLAMMABILITY / EXPLOSIVE LIMITS:	Not available
VAPOUR PRESSURE:	Not available
VAPOUR DENSITY:	Not available
RELATIVE DENSITY:	0.5 – 0.8
SOLUBILITY:	Not available
PARTITION COEFFICIENT:	Not available
AUTO-IGNITION TEMPERATURE:	Not available
DECOMPOSITION TEMPERATURE:	Not available
VISCOSITY:	Not available

## SECTION 10: STABILITY AND REACTIVITY

REACTIVITY:	Not reactive under normal conditions of use.
CHEMICAL STABILITY:	Stable under normal conditions of use.
POSSIBILITY OF HAZARDOUS REACTIONS:	Not available.
CONDITIONS TO AVOID:	Avoid heat, open flames and other sources of ignition.
INCOMPATIBLE MATERIALS:	Strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS:	Not available.

## SECTION 11: TOXICOLOGICAL INFORMATION

PRODUCT TOXICITY:	Not available.
SKIN CONTACT:	No effects expected due to acute exposure. Prolonged contact may cause irritation or dermatitis in some individuals.
EYE CONTACT:	Dust may cause mechanical irritation.
INGESTION:	Low acute oral toxicity. May cause nausea and vomiting.
INHALATION:	May cause irritation of the upper respiratory tract.
CARCINOGENICITY:	No information available.
TERATOGENICITY:	No information available.
REPRODUCTIVE TOXICITY:	No information available.
MUTAGENICITY:	No information available.
CHRONIC TOXICITY:	Chronic inhalation exposure to rats for a lifetime (two years) produced non-specific inflammation and chronic lung injury at 0.2 mg/m <sup>3</sup> and 0.8 mg/m <sup>3</sup> . Also, at 0.8 mg/m <sup>3</sup> , tumors were seen in some test animals. In the absence of chronic inflammation, tumors are not expected. There were no adverse effects detected at 0.05 mg/m <sup>3</sup> .
TARGET ORGAN EFFECTS:	No information available.

## SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY:	No information available.
PERSISTENCE AND DEGRADABILITY:	Practically no degradation (Method: OECD 302B)
BIOACCUMULATIVE POTENTIAL:	No information available.
MOBILITY IN SOIL:	No information available.
OTHER ADVERSE EFFECTS:	No information available.

## SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with federal, provincial, and local regulations. This product can be landfilled in many areas; check with local operator. 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
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:	Material is either on or exempt from the list.
WHMIS CLASS:	Not controlled
TSCA:	Material is either on or exempt from the list.

## **SECTION 16: OTHER INFORMATION**

REVISION DATE:	November 15, 2018
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