

## SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER: **SAND STABILIZER**  
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 (24hr)

## 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: Aqueous solutions, or powders that become wet, render surfaces extremely slippery.  
PRECAUTIONARY STATEMENTS: Not applicable

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
Potassium chloride (potash)	7447-40-7	5 - 15%

## SECTION 4: FIRST AID MEASURES

SKIN CONTACT: Remove contaminated clothing and wash exposed skin thoroughly with soap and water. If irritation develops and persists obtain medical attention.  
EYE CONTACT: Flush with gently flowing warm water for minimum 15 minutes. 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 develop or large quantity is swallowed. 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 immediate medical attention.  
MOST IMPORTANT SYMPTOMS / EFFECTS: No known acute or chronic effects.  
IMMEDIATE MEDICAL ATTENTION / SPECIAL TREATMENT: Treat symptomatically.

## SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Use water spray, foam, dry chemical or carbon dioxide.  
UNSUITABLE EXTINGUISHING MEDIA: None known.  
SPECIFIC FIRE HAZARDS: None known.  
HAZARDOUS COMBUSTION PRODUCTS: Thermal decomposition may produce nitrogen oxides, carbon oxides and other toxic vapours.  
SPECIAL PROTECTIVE EQUIPMENT & PRECAUTIONS: Self-contained breathing apparatus required for fire-fighting personnel.

## 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. Keep people away. Do not flush with water; becomes extremely slippery when wet. This product contains potassium chloride which is used as a crop nutrient and plant food however large spills can harm or kill vegetation; prompt cleanup of spills is recommended.

### METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Collect spilled material by sweeping or vacuum. Collect uncontaminated material for repackaging. Collect contaminated material in approved containers for disposal. Wash spill area thoroughly with water.

## SECTION 7: HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING

Avoid skin and eye contact. Wash thoroughly after handling. Launder contaminated clothing before reuse. Keep containers closed when not in use.

### CONDITIONS FOR SAFE STORAGE & INCOMPATIBILITIES

Store in a cool, dry area away from incompatible materials. May absorb moisture from the air. Keep container tightly closed.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS:	Not available. Consult local regulations for general dust guidelines.
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):	Ensure eye-wash station and emergency shower are available.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Yellow / white granules
ODOUR:	Odourless
ODOUR THRESHOLD:	Not available
pH:	Not available
MELTING POINT / FREEZING POINT:	Not applicable
BOILING POINT / RANGE:	Not applicable
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:	Not available
SOLUBILITY:	Partially soluble in water
PARTION 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 storage or use.  
 CHEMICAL STABILITY: Stable under normal conditions of storage or use.  
 POSSIBILITY OF HAZARDOUS REACTIONS: Polymerization will not occur  
 CONDITIONS TO AVOID: None known.  
 INCOMPATIBLE MATERIALS: Avoid contact with strong oxidizers and strong acids.  
 HAZARDOUS DECOMPOSITION PRODUCTS: Not available.

**SECTION 11: TOXICOLOGICAL INFORMATION**

PRODUCT TOXICITY: Not determined.

INGREDIENT TOXICITY

INGREDIENT	LD50 (oral)	LD50 (dermal)	LC50 (inhal)
Potassium chloride	>2600 mg/kg (rat)	Not available	Not available

SKIN CONTACT: Prolonged or repeated contact may cause dry skin. No information available on skin absorption.  
 EYE CONTACT: May cause mild irritation, including stinging, watering and redness.  
 INGESTION: No effects expected from swallowing small amounts. Swallowing large amounts may cause irritation of the digestive tract including nausea, vomiting, diarrhea, abdominal cramping, irregular heartbeats, dehydration and hypertension.  
 INHALATION: High dust levels may cause upper respiratory tract irritation.  
 CARCINOGENICITY: Not carcinogenic based on available information.  
 TERATOGENICITY: Not teratogenic based on available information.  
 REPRODUCTIVE TOXICITY: Not a reproductive toxin 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: Not available.  
 BIOACCUMULATIVE POTENTIAL: Not available.  
 MOBILITY IN SOIL: Not available.  
 OTHER ADVERSE EFFECTS: Not 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**

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

## **SECTION 16: OTHER INFORMATION**

REVISION DATE:	January 23, 2018
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