

## SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER:	<b>Sodium Sulfate</b>
OTHER MEANS OF IDENTIFICATION:	Not applicable
RECOMMENDED USE:	Oilwell 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:	780-468-4064

## SECTION 2: HAZARD IDENTIFICATION

CLASSIFICATION:	Not classified under HPR Part 2.
LABEL SYMBOLS:	Not applicable
SIGNAL WORD:	Not applicable
CLASSIFICATION INFORMATION:	Not applicable
OTHER HAZARDS:	None known.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
Sodium sulfate anhydrous	7757-82-6	>99% (w/w)

## SECTION 4: FIRST AID MEASURES

SKIN CONTACT:	If irritation occurs, or when shift ends, wash with soap and water until clean. If irritation persists, obtain medical attention.
EYE CONTACT:	Flush eyes with gently flowing warm water until particles are dislodged. If irritation persists, obtain medical attention.
INGESTION:	If fully conscious, rinse mouth with water. Obtain medical attention. Never give anything by mouth if patient is unconscious, rapidly losing consciousness or convulsing.
INHALATION:	Move to area free from dust. If victim is not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. If breathing difficulties or distress continues, obtain medical attention.
MOST IMPORTANT SYMPTOMS / EFFECTS:	No significant health effects expected as a result of contact with this product.
IMMEDIATE MEDICAL ATTENTION / SPECIAL TREATMENT:	Treat symptomatically.

## SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:	Use media suitable for packaging and surrounding fire.
UNSUITABLE EXTINGUISHING MEDIA:	Not available.
SPECIFIC FIRE HAZARDS:	This product is not combustible; decomposes at 1100°C.
HAZARDOUS COMBUSTION PRODUCTS:	Not available.
SPECIAL PROTECTIVE EQUIPMENT & PRECAUTIONS:	Self-contained breathing apparatus and chemical resistant clothing required for firefighting personnel.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Use proper respiratory and personal protective equipment.

### METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Sweep up or vacuum to collect spilled material. Collect uncontaminated material for repackaging. Collect contaminated material in approved containers for disposal.

## SECTION 7: HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING

Practice reasonable caution and personal cleanliness. Launder contaminated clothing before reuse.

### CONDITIONS FOR SAFE STORAGE & INCOMPATIBILITIES

Store in cool, dry area; product is hygroscopic. Keep containers closed until used.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS:

Not available.

ENGINEERING CONTROLS:

Use only with adequate ventilation. If user operations generate dust use process enclosure, local exhaust ventilation or other engineering controls to keep worker exposure below limits.

### PERSONAL PROTECTIVE MEASURES

RESPIRATORY PROTECTION:

Use a properly fitted particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary.

PROTECTIVE GLOVES:

Rubber gloves recommended for prolonged exposures.

EYE PROTECTION:

Safety glasses with side shields recommended.

OTHER PROTECTIVE EQUIPMENT (SPECIFY):

Protective clothing as required to prevent contact. Ensure eye-wash station and emergency shower are available.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

Fine white crystals or powder

ODOUR:

Odourless

ODOUR THRESHOLD:

Not applicable

pH:

8.3 (1% solution)

MELTING POINT / FREEZING POINT:

882°C

BOILING POINT / RANGE:

Not available (decomposes at 1100°C)

FLASH POINT:

Not applicable

EVAPORATION RATE:

Not applicable

FLAMMABILITY:

Not applicable

FLAMMABILITY / EXPLOSIVE LIMITS:

Not applicable

VAPOUR PRESSURE:

Not available

VAPOUR DENSITY:

Not available

RELATIVE DENSITY:

2.6

SOLUBILITY:

Soluble in water

PARTITION COEFFICIENT:

Not applicable

AUTO-IGNITION TEMPERATURE:

Not applicable

DECOMPOSITION TEMPERATURE: Not applicable  
VISCOSITY: Not applicable

### 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: Not available.  
INCOMPATIBLE MATERIALS: Not available.  
HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition at high temperatures may produce very toxic or corrosive sulfur dioxide or other sulfur oxides.

### SECTION 11: TOXICOLOGICAL INFORMATION

PRODUCT TOXICITY: LD50 (oral) = 5989 mg/kg (mouse)  
  
SKIN CONTACT: Prolonged or repeated contact may cause mild irritation.  
EYE CONTACT: May cause slight irritation.  
INGESTION: Headache, nausea, or vomiting may occur if appreciable quantities are ingested.  
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: 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 of in accordance with federal, provincial 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:	None

### **SECTION 15: REGULATORY INFORMATION**

DSL:	On the DSL.
WHMIS CLASS:	Not controlled
TSCA:	Listed by TSCA.

### **SECTION 16: OTHER INFORMATION**

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REPLACES:	August 23, 2017

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