



MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION OF PRODUCT

PRODUCT NAME: Drispac Regular and Superlo

PRODUCT USE: Oil Well Fluid Additive

CHEMICAL FAMILY: Cellulose Ether

WORK PLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: Not a Controlled Product Under WHMIS

WORK PLACE HAZARD: N/A

TRANSPORTATION OF DANGEROUS GOODS (TDG)

SHIPPING NAME: Not Regulated Under TDG

TDG CLASSIFICATION: N/A

UN NUMBER (PIN): N/A

PACKING GROUP: N/A

SECTION II: HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>PERCENT</u>	<u>CAS NUMBER</u>	<u>LD₍₅₀₎ Oral-Rat</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
No Hazardous Ingredients					

SECTION III: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: SKIN EYE CONTACT INHALATION INGESTION

EFFECTS OF OVEREXPOSURE: No adverse effects have been noted in chronic feeding studies using lab animals and humans. Sarcomas were exhibited at injection sites of animals receiving repeated massive subcutaneous injections of aqueous solutions of the material. (May have been the result of local trauma.)

EYE CONTACT: Dust may produce mechanical irritation.

SKIN CONTACT: May produce slight irritation with prolonged contact with moistened product.

INGESTION: Passes through relatively inert. May cause gastrointestinal upset. Oral LD₅₀ > 25g/kg (rats).

INHALATION: Non-irritating to mucous membranes, however, breathing high concentrations of the dust may cause mechanical irritation of the nose, throat, and upper respiratory tract.

EXPOSURE LIMIT:	INGREDIENT	OSHA PEL	ACGIH TLV
	Respirable Dust	5 mg/m ³	Not Established
	Total Dust	15 mg/m ³	10 mg/m ³

HEALTH EFFECTS: Long term exposure to high dust concentrations may cause non-debilitating lung changes.



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SECTION IV: FIRST AID MEASURES

- SKIN CONTACT:** Wash with soap and water. If irritation develops, seek medical attention.
- EYE CONTACT:** Flush eyes with running water for at least 15 minutes. If adverse symptoms develop, see physician.
- INGESTION:** Give 2 glasses of water and induce vomiting. If illness/adverse symptoms develop, see physician.
- INHALATION:** Remove from exposure. If illness or adverse symptoms develop, seek medical attention.

SECTION V: PHYSICAL DATA

APPEARANCE AND ODOUR:	Light Coloured Powder; Odourless
SPECIFIC GRAVITY:	1.6 g/cc
BOILING POINT (°C):	N/A
MELTING POINT (°C):	N/A
pH:	6.5-8.0
SOLUBILITY IN WATER:	Complete
PERCENT VOLATILE BY VOLUME:	Negligible
EVAPORATION RATE:	N/A
VAPOUR PRESSURE (mm Hg):	N/A
VAPOUR DENSITY (Air = 1):	N/A

SECTION VI: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	N/A
FLAMMABLE LIMITS:	Not Determined
EXTINGUISHING MEDIA:	Water, water fog, chemical, CO ₂ .
SPECIAL FIRE FIGHTING PROCEDURES:	Evacuate area of all necessary personnel. Use NIOSH/MSHA approved self-contained breathing apparatus (SCBA) and other protective equipment if conditions warrant. Water fog or spray may be used to cool exposed containers and equipment.
UNUSUAL FIRE/EXPLOSION HAZARDS:	Carbon oxides and various hydrocarbons formed when burned. If in a finely divided and suspended state, treat as a flammable dust. Material becomes very slippery when contacted with water.

SECTION VII: REACTIVITY DATA

STABILITY: **Stable [XX]** **Unstable []**



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INCOMPATIBILITY (CONDITIONS TO AVOID):	Not Established	
CONDITIONS OF REACTIVITY:	Not Established	
HAZARDOUS DECOMPOSITION PRODUCTS:	Not Established	
HAZARDOUS POLYMERIZATION:	Will Not Occur [XX]	May Occur []

VIII: PREVENTIVE MEASURES

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:	Suggest dust mask; Nuisance dust.
VENTILATION:	Use adequate ventilation to control concentration below recommended exposure limits.
PROTECTIVE GLOVES:	Suggest gloves to protect skin from repeated exposure.
EYE PROTECTION:	Suggest goggles.
OTHER PROTECTIVE EQUIPMENT:	Suggest long sleeved shirt and trousers to protect from exposure to dust.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid contact with eyes, skin or clothing. Avoid breathing dust. Wash thoroughly after handling. Wear protective equipment and/or garments. Launder contaminated clothing before reuse. Store in a cool, dry area in sealed containers or bags. Keep containers closed.

STEPS TO BE TAKEN IN CASE THE MATERIAL IS SPILLED OR RELEASED

Evacuate area of all unnecessary personnel. Contain spill. Sweep up spill and place in disposal container. This material may be reclaimed if not damp. If wet, material becomes very slippery. Use protective equipment and/or garments.

WASTE DISPOSAL METHOD

Dispose of material in accordance with local ordinances.

SECTION IX: PREPARATION

THE INFORMATION CONTAINED HEREIN IS GIVEN IN GOOD FAITH, BUT NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE.

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24 HOUR PHONE:	403-252-5904		