



MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION OF PRODUCT

PRODUCT NAME: Clearex Pill

PRODUCT USE: Drilling Mud Additive **CAS NO.**

CHEMICAL FAMILY: Copolymers or acrylamide and polyacrylate with carbonates and silica.

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>
Quartz, Silica	1-2	14808-60-7	N/A	0.1 m/m ³	0.1 mg/m ³

SECTION III: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: SKIN EYE CONTACT INHALATION INGESTION

EYE CONTACT : Mechanical irritant

SKIN CONTACT: Possible drying resulting in dermatitis

INGESTION: No adverse effects expected

INHALATION: Breathing silica dust may not cause noticeable injury/illness even though permanent lung damage may be occurring. Inhalation may cause irritation of the nose/throat/respiratory passages. Long-term inhalation may cause silicosis, a progressive, dialing and sometimes fatal lung disease. Symptoms include cough, shortness of breath, wheezing, non-specific chest illness and reduced pulmonary function.

CARCINOGENICITY: Crystalline silica when inhaled in the form of quartz or crystobalite form occupational sources is carcinogenic to humans (IARC Group 1 – carcinogenic to humans).



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SECTION IV: FIRST AID MEASURES

SKIN CONTACT:	If irritation occurs or when shift ends, wash with soap and water until clean.
EYE CONTACT:	Flush with water until irritation ceases. If irritation persists, contact a physician.
INGESTION:	If large amount ingested, get immediate medical attention.
INHALATION:	Move to an area free from dust.

SECTION V: PHYSICAL DATA

APPEARANCE AND ODOUR:	Pale grey to buff powder or granules; odour-less
SPECIFIC GRAVITY:	1.7
BOILING POINT (°C):	N/A
MELTING POINT (°C):	N/A
pH:	N/D
SOLUBILITY IN WATER:	Negligible
PERCENT VOLATILE BY VOLUME:	N/A
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:	N/A
EXTINGUISHING MEDIA:	Use media suitable for surrounding fire.
SPECIAL FIRE FIGHTING PROCEDURES:	Fire fighting personnel wear self-contained breathing apparatus.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None known.

SECTION VII: REACTIVITY DATA

STABILITY:	Stable [XX]	Unstable []
INCOMPATIBILITY (CONDITIONS TO AVOID):	None Known	



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HAZARDOUS DECOMPOSITION PRODUCTS: None Known
HAZARDOUS POLYMERIZATION: Will Not Occur [XX] May Occur []

SECTION VIII: PREVENTIVE MEASURES

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NIOSH/MESA approved respirators for silica bearing dust.
VENTILATION: Use local ventilation to maintain PEL'S/TLV'S.
PROTECTIVE GLOVES: Generally not necessary; personal preference.
EYE PROTECTION: Suggest goggles or safety glasses.
OTHER PROTECTIVE EQUIPMENT : Ensure eyewash station and safety shower is available.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid creating dust. Avoid breathing dust; wear an approved respirator. Practice reasonable caution and personal cleanliness. Avoid eye contact. Store in cool, dry area.

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

Wear an approved respirator. Vacuum if possible to avoid generating airborne dust. Collect uncontaminated material for repackaging. Collect contaminated material in an approved container for disposal. Avoid adding water; the product will become slippery when wet.

WASTE DISPOSAL METHOD

Dispose of material in accordance with local, provincial and federal ordinances. It is the responsibility of the user to determine if waste meets the criteria of hazardous waste. Empty packaging, that has not been purged, must be handled according to disposal regulations.

SECTION IX: PREPARATION

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

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