

SAFETY DATA SHEET

Section 1: IDENTIFICATION

Product Name: Clearex™
Other Means of Identification: None
Recommended Use: Lost Circulation Material
Restrictions on Use: None known
Supplier: Bri-Chem Supply Ltd.
27075 Acheson Road
Acheson, AB T7X 6B1
Phone Number: 780-962-9490
Emergency Telephone: CHEMTREC 1-800-424-9300, 24/7

Section 2: HAZARD(S) IDENTIFICATION

Physical Hazards: Not classified
Health Hazards: Not classified
Label Elements
Hazard Symbol: None
Signal Word: None
Hazard Statements: The mixture does not meet the criteria for classification.
Precautionary Statements
Prevention: Observe good industrial hygiene practices
Response: Wash hands after handling
Storage: Store away from incompatible materials
Disposal: Dispose of waste and residues in accordance with local authority requirements.
Other Hazards: None known
Supplemental Information: None

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Mixtures: The components are not hazardous or are below required disclosure limits.

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Section 4: FIRST-AID MEASURES

Inhalation:	Move to fresh air. Call a physician if symptoms develop or persist.
Skin Contact:	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye Contact:	Do not rub eyes. Rinse with water. Get medical attention if irritation develops and persists.
Ingestion:	Rinse mouth. Get medical attention if symptoms occur.
Most Important Symptoms/Effects, Acute and Delayed	
Indication of Immediate Medical Attention and Special Treatment Needed:	Treat symptomatically
General Information:	Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

Section 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable Extinguishing Media:	Do not use water jet as an extinguisher, as this will spread the fire.
Specific Hazards Arising from the Chemical:	During fire, gases hazardous to health may be formed.
Special Protective equipment and Precautions for Fire-Fighters:	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Firefighting Equipment/Instructions:	Use water spray to cool unopened containers.
Specific Methods:	Use standard firefighting procedures and consider the hazards of other involved materials.
General Fire Hazards:	No unusual fire or explosion hazards noted.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures:	Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. For personal protection, see section 8 of the SDS.
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Methods and Materials for Containment and Cleaning Up:

Avoid the generation of dusts during clean-up. Collect dust using a vacuum cleaner equipped with HEPA filter. The product is immiscible with water and will sediment in water systems. Stop the flow of material, if this is without risk.
Large Spills: Wet down with water and dike for later disposal. Shovel the material into waste container. Following product recovery, flush area with water.
Small Spills: Sweep up or vacuum up spillage and collect in suitable container for disposal. For waste disposal, see section 13 of the SDS.

Environmental Precautions:

Avoid discharge into drains, water courses or onto the ground.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling:

Minimize dust generation and accumulation. Provide appropriate exhaust ventilation at places where dust is formed. Practice good housekeeping.

Conditions for Safe Storage, Including any Incompatibilities:

Store in original tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits:

Components referred to herein may be regulated by specific Canadian provincial legislation. Please refer to exposure limits legislated for the province in which the substance will be used.

ACGIH

Additional Components

Nuisance Dusts

Type

TWA

Value

3 mg/m³
10 mg/m³

Form

Respirable fraction
Inhalable fraction

Biological Limit Values:

No biological exposure limits noted for the ingredient(s).

Appropriate Engineering Controls:

If material is ground, cut, or used in any operation which may generate dusts, use appropriate local exhaust ventilation to keep exposures below the recommended exposure limits.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection:

Chemical goggles are recommended.

Skin Protection

Hand Protection:

For prolonged or repeated skin contact use suitable protective gloves. Barrier cream may be used if the situation warrants.

Other:

Wear suitable protective clothing

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Respiratory Protection:	A NIOSH (US) or CSA (Canada) approved dust mask or filtering facepiece is recommended for worker comfort in poorly ventilated areas. Use a particulate filter respirator for particulate concentrations exceeding the Occupational Exposure Limit.
Thermal Hazards:	Wear appropriate thermal protective clothing, when necessary.
General Hygiene Considerations:	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Physical State:	Solid
Form:	Powder
Colour:	Light grey
Odour:	Odourless
Odour Threshold:	Not available
pH:	Not available
Melting Point/Freezing Point:	Not available
Initial Boiling Point and Boiling Range:	Not available
Flash Point:	> 95.0 °C (> 203.0 °F) Closed cup
Evaporation Rate:	Not available
Flammability (Solid, Gas):	Not available
Upper/Lower Flammability or Explosive Limits	
Flammability Limit – Lower (%):	Not available
Flammability Limit – Upper (%):	Not available
Explosive Limit – Lower (%):	Not available
Explosive Limit – Upper (%):	Not available
Vapor Pressure:	Not available
Vapor Density:	Not available
Relative Density:	1.7 (Water = 1)
Solubility (Water)	Insoluble
Partition Coefficient:	Not available

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Auto-Ignition Temperature:	Not available
Decomposition Temperature:	Not available
Viscosity:	Not available

Section 10: STABILITY AND REACTIVITY

Reactivity:	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical Stability:	Material is stable under normal conditions.
Possibility of Hazardous Reactions:	No dangerous reaction known under conditions of normal use.
Conditions to Avoid:	Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible Materials:	Strong oxidizing agents.
Hazardous Decomposition Products:	No hazardous decomposition products are known.

Section 11: TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Inhalation:	Dust may irritate respiratory system.
Skin Contact:	Dust or powder may irritate the skin.
Eye Contact:	Dust may irritate the eyes.
Ingestion:	Expected to be a low ingestion hazard.
Symptoms Related to the Physical Chemical and Toxicological Characteristics:	Dusts may irritate the respiratory tract, skin and eyes.

Information on Toxicological Effects

Acute Toxicity:	Not available
Skin Corrosion/Irritation:	Prolonged skin contact may cause temporary irritation.
Serious Eye Damage/Eye Irritation:	Direct contact with eyes may cause temporary irritation.

Respiratory or Skin Sensitization

Respiratory Sensitization:	Not a respiratory sensitizer
Skin Sensitization:	This product is not expected to cause skin sensitization.
Germ Cell Mutagenicity:	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity:	Not classifiable as to carcinogenicity to humans.

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ACGIH Carcinogens:	Not listed
IARC Monographs. Overall Evaluation of Carcinogenicity:	Not listed
US. National Toxicology Program (NTP) Report on Carcinogens:	Not listed
Reproductive Toxicity:	This product is not expected to cause reproductive or developmental effects.
Specific Target Organ Toxicity – Single Exposure:	Not classified
Specific Target Organ Toxicity – Repeated Exposure:	Not classified
Aspiration Hazard:	Not an aspiration hazard

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity:	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Persistence and Degradability:	No data is available on the degradability of any ingredients in the mixture.
Bioaccumulative Potential:	No data available
Mobility in Soil:	No data available
Other Adverse Effects:	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

Section 13: DISPOSAL CONSIDERATIONS

Disposal Instructions:	Collect and reclaim or dispose in sealed containers at licensed waste disposal site.
Local Disposal Regulations:	Dispose in accordance with all applicable regulations.
Hazardous Waste Code:	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from Residues/Unused Products:	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see Disposal instructions).

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Contaminated Packaging: Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14: TRANSPORT INFORMATION

TDG: Not regulated as dangerous goods
IATA: Not regulated as dangerous goods
IMDG: Not regulated as dangerous goods
Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code: Not applicable

Section 15: REGULATORY INFORMATION

Canadian Regulations: This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

International Inventories

Country(s) or Region	Inventory Name	On Inventory *
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product are listed on the inventory administered by the governing country(s) or are exempt.

A "No" indicates that one or more components of the product are not listed on the inventory administered by the governing country(s).

Section 16: OTHER INFORMATION

Disclaimer:

The information contained herein is based on data available to us and is believed to be true and accurate. However, no guarantee or warranty is provided, expressed or implied, by the company or its subsidiaries regarding accuracy of the information, the hazards connected with the use of the material, or the results to be obtained from the use thereof. Since the use of this product is within the exclusive control of the user, we do not assume any responsibility and expressly disclaim any liability for any use of this product. It is the user's responsibility to determine the conditions of safe use, storage, and disposal of the product. Compliance with all applicable federal, provincial, and local regulations remains the responsibility of the user.

Prepared by: Bri-Chem Supply Ltd.

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