

SAFETY DATA SHEET

Section 1: IDENTIFICATION

Product Identifier: Bridgit Series

Supplier: Bri-Chem Supply Ltd.
27075 Acheson Road
Acheson, AB T7X 6B1
780-962-9490

Chemical Family / Formula: Sized calcium carbonates

Product Use: Drilling mud additive

Section 2: HAZARDS AND/OR INGREDIENT DISCLOSURE COMPONENTS

| Name | Percent (%) | CAS# | LD ₅₀ (Oral Rat) | LD ₅₀ (Dermal Rabbit) | LD ₅₀ (Inhalation Rat) |
|--------------------------|-------------|------|-----------------------------|----------------------------------|-----------------------------------|
| No hazardous ingredients | | | | | |

Section 3: HEALTH HAZARDS

Routes of Entry: ☐ SKIN ☐ EYE CONTACT ☐ INHALATION ☐ INGESTION

Threshold Limit Value: Not determined

Skin Contact: Treat as nuisance dust. May cause mechanical irritation to the skin, eyes, and respiratory tract. As is true with any mineral product, long-term exposure to high concentration of this dust without the use of a dust mask may produce x-ray evidence of dust in the lungs.

Eye Contact:

Ingestion:

Inhalation: Continued long-term overexposure may affect respiratory function in some individuals.

Carcinogenicity: Not determined

Reproductive Toxicity: Not determined

Teratogenicity: Not determined

Mutagenicity: Not determined

Developmental Toxicity: Not determined

Section 4: FIRST-AID MEASURES

Skin Contact: Wash skin for 5 minutes with soap and water. If irritation develops or persists seek medical attention.

Eye Contact: Rinse eyes with water for 15 minutes. If irritation develops or persists seek medical attention.

Ingestion: Give victim 1-2 glasses of water. Do not induce vomiting. Seek medical attention.

Inhalation: Remove to fresh air. If not breathing, administer CPR. Seek medical attention.

Section 5: PHYSICAL DATA

Appearance: White powder

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| | |
|-----------------------------|------------------------|
| Odour: | Odourless |
| Specific Gravity: | 2.7 |
| Boiling Point (°C): | Not determined |
| Melting Point (°C): | Not determined |
| Solubility in Water: | Not soluble |
| Percent Volatile by Volume: | Not applicable |
| Evaporation Rate: | Not applicable |
| Vapour Pressure (mm Hg): | Not applicable |
| Vapour Density (Air=1): | Not applicable |
| pH: | 8.5 – 9.5 (10% slurry) |

Protective Equipment

Transportation of Dangerous Goods

WHMIS



Safety Glasses, dust mask and chemically resistant gloves recommended.

Shipping Name: Not regulated

Class: N/A

UN Number (PIN): N/A

Packing Group: N/A

Not WHMIS regulated

Section 6: FIRE AND EXPLOSION HAZARD DATA

| | |
|-------------------------------------|---|
| Flash Point: | Not Flammable |
| Flammable Limits: | Not determined |
| Extinguishing Media: | Water, Water Fog, Foam, Chemical, and CO ₂ |
| Special Fire Fighting Procedures: | No special requirements |
| Unusual Fire and Explosion Hazards: | None known |

Section 7: REACTIVITY DATA

| | |
|--|---|
| Stability: | <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE |
| Incompatibility (Conditions to Avoid): | Strong acids, strong oxidizing agents |
| Conditions of Reactivity: | Not known |
| Hazardous Decomposition Products: | CO _x |
| Hazardous Polymerization: | <input checked="" type="checkbox"/> WILL NOT OCCUR <input type="checkbox"/> MAY OCCUR |

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Section 8: PREVENTITIVE MEASURES

Special Protection Information

Respiratory Protection: NIOSH approved dust mask

Ventilation: General mechanical

Protective Gloves: Chemically resistant

Eye Protection: Safety glasses

Other Protective Equipment (Specify): None known

Accidental Release Measures

Steps to be taken in case the Material is Spilled or Released: Vacuum or sweep-up if dry. If wet, pick up with dry material such as sand or dirt. Avoid flushing with water as material may become extremely slippery.

Handling and Storage

Precautions to be taken in Handling and Storing: Avoid ingestion. Practice reasonable caution and personal cleanliness. Avoid skin and eye contact.

Disposal

Waste Disposal Method: Dispose of material in accordance with local ordinances. Landfill is suggested.

Section 16: PREPARATION

Prepared by: Bri-Chem Supply Ltd.

Revision Date: April 25, 2024

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