

**BackKrete Corp**  
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## SAFETY DATA SHEET

### 1. PRODUCT IDENTIFICATION

**NAME:** BackKrete Waterless Concrete Cleaner.

**DESCRIPTION:** BackKrete is an Eco-Friendly and Waterless Concrete Cleaner which "Seeds" Concrete with Natural, Living, Oil Digesting Bacteria.

### 2. HAZARDS IDENTIFICATION

#### ACUTE HEALTH EFFECTS

**Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Inhalation:** Inhalation of excessive concentrations of dust may cause irritation of mucous membranes and upper respiratory tract.

**Eyes:** Contact may cause irritation.

**Skin:** No adverse effects expected.

**Sensitization:** No adverse effects expected.

#### CHRONIC HEALTH EFFECTS:

Inhalation of excessive concentrations of any dust, including this material, may lead to lung injury. This product contains crystalline silica which is the Sand/Quartz component. Excessive inhalation of the respirable portion of crystalline silica may cause silicosis. The respirable silica fraction in this product is extremely low; and will average 0.02% or less.

*The company is not aware of any scientific or medical data indicating that exposure to dust from this product under conditions of normal use will cause silicosis or cancer. Adverse effects would not be expected from normal use of this product.*



WARNING  
May cause respiratory irritation

### 3. COMPOSITION

COMPONENTS	CAS#	%WT
Fullers Earth and Bentonite Clays	8031-18-3 & 1302-78-9	85-95%
Sand/Quartz (Respirable <1%)	14808-60-7	<10%
Pasteurized Bran	NA	<10%
Viable Bacteria Cultures	NA	<5%

### 4. FIRST AID MEASURES

**Ingestion:** Clean mouth with water and afterwards drink plenty of water

**Inhalation:** Move to fresh air

**Eye Contact:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician

**Skin Contact:** Wash off immediately with soap and plenty of water

Notes to Physician: Treat symptomatically

### 5. FIRE-FIGHTING MEASURES

**Flammable Properties:** Slightly combustible according to HMIS criteria.

**Suitable Extinguishing Media:** Use water spray, dry chemical or carbon dioxide

**Unsuitable Extinguishing Media:** None

**Hazardous Combustion Products:** None

**Specific Hazards Arising from the Chemical:** May cause allergic respiratory reaction

**Protective Equipment / Precautions for Firefighter:** Self-contained breathing apparatus / standard turnout apparel

### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** For personal protection see section 8

**Environmental Precautions:** None known

**Methods for cleaning up:** Sweep up carefully and avoid excessive formation of dust. Re-use or dispose of as solid waste.

### 7. HANDLING AND STORAGE

**Handling:** Avoid breathing dust. If clothing becomes dusty, launder before re-use.

**Storage:** Store in a dry area protected from moisture contact.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### COMPONENT

### EXPOSURE LIMIT

Fullers Earth and Bentonite Clays  
Sand/Quartz (Respirable <1%)

PEL - 15 mg/m<sup>3</sup> TWA (total dust)  
PEL - 10 mg/m<sup>3</sup>/%SiO<sub>2</sub>+2 TWA

**If used indoors, insure adequate ventilation, especially in confined areas. Respiratory Protection:** In case of insufficient ventilation wear suitable respiratory equipment that meets HEPA/P100 specifications. **Eye Protection:** Safety glasses with side-shields. **Skin Protection:** None. **Hand Protection:** None.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Gray to tan; free-flowing

**Physical State:** Powder

**Odor:** Slight fermentation odor

**PH:** Not applicable

**Solubility:** Partially

**Flammability (solid, gas):** No information available

**Explosive Properties:** No information available

**Relative density:** 2.2

**Partition Coefficient (octanol/water):** No information available

## 10. STABILITY AND REACTIVITY

**Stability:** Stable. **Incompatibility:** Physical contact between this material and turpentine, hydrofluoric acid, vegetable oil or other unsaturated organic compounds (such as fish oil) may generate heat and/or fire. **Hazardous Decomposition Products /or Reactions:** None.

## 11. TOXICOLOGICAL INFORMATION

**Acute Toxicity:** Not determined

**Chronic Toxicity:** Sensitization According to our experience and to the information provided to us, the product does not have any harmful effects if it is used and handled as specified.

*This product is formulated using microorganisms and clays specially selected from the natural environment.*

## 12. ECOLOGICAL INFORMATION

**Eco toxicity:** This product is not expected to pose and environmental hazard

**Persistence/Degradability:** The organic components of the product are biodegradable.

## 13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local, state and federal environmental regulations. Unused material is suitable for disposal in sanitary landfill. Used material may be subject to regulation, depending on the nature of the material absorbed. Check with appropriate regulatory authority for used material containing hazardous waste.

## 14. TRANSPORT INFORMATION

**Transport Regulations:** No dangerous goods according to transport regulations. **DOT, IATA, IMDG/IMO:** Not regulated

## 15. REGULATORY INFORMATION

**CERCLA/SUPERFUND:** None

**SARA HAZARD CATEGORY (311/312):**Chronic Health

**SARA 313:** None

**TSCA:** All of the components of this product are listed on the EPA TSCA Inventory or exempt from notification requirements.

**EINECS:** All of the components of this product are listed on the EINECS Inventory or exempt from notification requirements

**DSL/NDSL:** Does not Comply

## 16. OTHER INFORMATION

**HMIS RATING:** Health = 1 Fire = 0 Reactivity = 0

The information in this safety data sheet is believed to be accurate. However, each purchaser should make its own test to determine the suitability of the product for its purposes.

**Prepared:** May 27, 2015