

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/m³ TWA (total dust)
PEL - 10 mg/m³/‰SiO₂+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/NDL: 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