

SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: bioSecure™ BacTrac™ FB
Product Code: 8029
Product Family: Silica/Clay

Supplied By:
BIOMATRIX INTERNATIONAL
1002 16th Avenue South
Princeton, MN 55371
Telephone: 763-633-0880

Emergency#: 763-633-0880

Recommended Use: NA
Restrictions On Use: NA

2. HAZARDOUS IDENTIFICATION

Eyes: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

Skin: In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes and get medical attention if irritation persists.

Inhalation: If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen and get medical attention if irritation persists.

Ingestion: If swallowed, give two glasses of water; never give anything to an unconscious person.

Chronic Overexposure Effects: Inhalation of excessive concentrations of any dust, including this material, may lead to lung injury. This product contains crystalline silica. Excessive inhalation of respirable crystalline silica may cause silicosis, a progressive, disabling and fatal disease of the lung. Symptoms may include cough, shortness of breath, wheezing and reduced pulmonary function. The International Agency for Research on Cancer (IARC), in Monograph 68 has concluded that crystalline silica inhaled in the form of quartz or cristobalite, from occupational sources is carcinogenic to humans (Group 1). However, in making the overall evaluation, the Working Group noted that carcinogenicity was not detected in all industrial circumstances studied. Carcinogenicity may be dependent on inherent characteristics of the crystalline silica or on external factors affecting its biological activity or distribution of its polymorphs. The National Toxicology Program (NTP) classifies crystalline silica as reasonably anticipated to be a carcinogen. Because applications and exposure data indicated that exposure to respirable quartz in this product with normal use is well below the OSHA Permissible Exposure Limit (PEL) and ACGIH Threshold Limit Value (TLV); and because the company is not aware of any scientific or medical data available 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.

Dust Particles: Treat Dust as a nuisance particulate:

OSHA PEL

Respiratory fraction, 5mg/m³
Total Dust, 15mg/m³

ACGIH TLV

Respiratory fraction, 3mg/m³
Total Dust, 10mg/m³

Principle Routes of Exposure: Eye, Skin, and Inhalation

Medical Conditions Aggravated By Exposure: Not Known

3. HAZARDS COMPONENTS

NON-HAZARDOUS COMPONENTS

This product does not meet the definition of a hazardous material given in 29 CFR Part 1910.1200 (OSHA). Information on this form is furnished as a customer service.

4. FIRST AID MEASURES

Effects From Acute Exposure:

Eye Contact: Particulate may cause mechanical irritation. Material is acidic and may cause eye irritation. Avoid contact with eyes.

Skin Contact: Repeated contact may cause irritation.

Inhalation: May cause irritation to mucous membranes of nose, throat and lungs.

Ingestion: Non Known

5. FIRE FIGHTING MEASURES

Flash Point: N.D.

Ignition Temperature: N.D.

Flammable Limits In Air - Lower (%): N.D.

Flammable Limits In Air - Upper (%): N.D.

Extinguishing Media: Carbon Dioxide, Dry Chemical, Water Fog

Fire Fighting Procedures: Cool exposed containers with water spray after extinguishing fire.

Unusual Hazards: Avoid dusting conditions. May form explosive dust mixtures with air.

Additional Fire and Explosion Data: As in any fire, wear self-contained breathing apparatus and full protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Action To Be Taken If Material Is Released or Spilled: Wear appropriate safety equipment. Contain and clean up spill immediately. Prevent from entering floor drains. Sweep powders carefully minimizing dusting. Shovel all spill materials into disposal drums and follow disposal instructions. Scrub spill area with detergent and flush with copious amounts of water.

7. HANDLING AND STORAGE

Precautions To Be Taken In Handling And Storage: Keep container closed when not in use.

Other Storage And Handling Data: In accord with good industrial practice, handle with care and avoid personal contact.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Controls: Local exhaust ventilation may be necessary to control air contaminants during the use of this product.

Respiratory Protection: None required under normal conditions. In operations where the exposure limit may be exceeded, local exhaust ventilation is recommended.

Protective Gloves: Wear chemical resistant rubber gloves and long sleeved clothing.

Eyes: Wear safety glasses or goggles to protect against exposure.

Clothing: Wear overalls, apron, or other protective clothing to minimize skin contact.

Other Personal Protection Data: None Known

Hygienic Practices: Avoid contact with eyes and skin. Avoid inhalation of dust and vapors. Wash thoroughly after handling. Keep containers closed when not in use.

9. PHYSICAL AND CHEMICAL PROPERTIES

NA=NOT APPLICABLE

NE=NOT ESTABLISHED

Physical State: Powder

Color: Off White

Odor: Yeast aroma

Solubility In Water (20° C): Appreciable

Specific Gravity: NA

Density @ 25° C: NA

Melting Point: NA

Boiling Point: NA

Freezing Point: NA

Vapor Density (Air=1): NA

Evaporation Rate (Butyl Acetate=1): NA

VOC Content (%): NA

Vapor Pressure (mm/Hg @ 20°C): NA

10. STABILITY AND REACTIVITY

Stability Data: Stable

Polymerization: Will not occur

Hazardous Decomposition Products: Burning will produce oxides of carbon.

Incompatibility (Materials To Avoid): None Known

Conditions/Hazards To Avoid: None Known

11. TOXICOLOGICAL INFORMATION

Acute Oral LD₅₀ (mg/kg): No Information
Acute Dermal LD₅₀ (mg/kg): No Information
Acute Inhalation LC₅₀ (mg/L): No Information
Irritation To (skin, eyes, respiratory): None
Additional Toxicology Information: None Known

12. ECOLOGICAL INFORMATION

Ecotoxicological Information: No data is available at this time.

13. DISPOSAL CONSIDERATIONS

Disposal Of Waste Method: Bury or incinerate according to federal, state, and local regulations.

Container Disposal: Containers should be triple rinsed, according to federal regulations and/or good waste management practices.

14. TRANSPORT INFORMATION

DOT Proper Shipping Name: Not DOT Regulated

DOT Technical Name: N.A.

DOT Primary Hazard Class: N.A.

UN/NA Number: N.A.

DOT Packing Group: N.A.

DOT Emergency Response Information: Keep unnecessary people away. Isolated area and deny entry. Stay upwind.

15. REGULATORY INFORMATION

Sara Section 302: None found

Sara (311, 312) Hazard Class: None

Sara (313) Chemicals/Chemical Category: This product does not contain any toxic chemical for routine annual "Toxic Chemical Release Reporting" under Section 313 (40 CFR 372).

Amount of Sara (313) Reportable Chemical (%): No SARA (313) Reportable Chemicals.

TSCA Inventory Status: All components of this product are included on the TSCA Section 8 Inventory.

California Proposition 65 Chemicals: None

TSCA Section 12(B) Export Regulations: This product is not subject to TSCA 12(b) Export Regulations.

16. OTHER INFORMATION

Additional Information: As of the preparation date, this product did not contain a chemical or chemicals subjects to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

Date Prepared: 7/29/2015

Last Revision Date: 7/29/2015

Disclaimer: BioMatrix International warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in its directions for use, subject to inherent risks referred to in the Safety Data Sheet for this product. BioMatrix International makes no other repress or implied warranty. In no case shall BioMatrix International be liable for consequential, special, or indirect damages resulting from the use or handling of this product.

*** End of SDS ***

****Note:** Since other agencies regulate this information, OSHA will not be enforcing Section 12 through 15 (29 CFR 1910.1200 (g)(2))

