

# **BACTO-DOSE**

## **Section 1 - Identification**

04/15/2005

Trade Name: **BACTO-DOSE**

Chemical Family: Microbial Formulation

D.O.T. Proper Shipping Name: Chemicals not otherwise indexed [NOI], non hazardous

## **Section 2 - Hazardous Ingredients**

Contains NO hazardous components as listed in 29 CFR 1900.1000 or other pertinent sections of OSHA regulations.

## **Section 3 - Physical Data**

State: Free-flowing powder

Appearance: Tan Powder

Odor: Fermentation Odor

Boiling Point: No Data

Vapor Density: N/A

Evaporation Rate: N/A

pH: 5.5 - 8.0

Specific Gravity: 4.0 - 5.5 lb./gal

Solubility in Water: Non-Soluble

## **Section 4 - Fire and Explosion Hazard Data**

Flash point & Method: N/A

Ignition Temperature: N/A

Explosion Characteristics: N/A

Extinguishing media: N/A

Special fire fighting protective equipment: None

Unusual fire and explosion hazards: None known

## **Section 5 - Reactivity Data**

Stability: Stable under normal conditions.

Incompatibility (materials to avoid): Strong acids or alkali compounds may inactivate microbial cultures.

Hazardous decomposition products: None

Hazardous polymerization: Will not occur.

## **Section 6 - Health Hazard Assessment**

General: Limited toxicity data are available on this specific product; this health hazard assessment is based on the results of screening tests. Handle as you would any other chemical or microbial product. Wash hands after contact.

Eye contact: This material may cause eye irritation. Organisms used are nonpathogenic, but can cause infection when in contact with open wounds. These organisms are susceptible to many commonly-used antibiotics. Flush with water for 20 minutes and consult Physician if eye exposure results. Avoid creating dust, and wear protective eye gear to prevent exposure to eyes.

Skin contact: Slight redness on hands and forearms, if individual has a history of dermal allergic reaction. Dermatitis and skin sensitization can develop after repeated and/or prolonged contact with human skin. Wash with soap and water if skin exposure results. Use rubber gloves to prevent exposure to skin.

Ingestion: No effect if ingested in small amounts. Relative to other materials, a single dose of this product is rarely toxic by ingestion. Irritation of the mouth, pharynx, esophagus and stomach can develop following ingestion. May lead to nausea or diarrhea. Give 16-32 ounces of water to dilute product. Do not induce vomiting. Contact Physician or Poison Control Center if condition persists.

Inhalation: Can cause allergic type response to susceptible or hypersensitive individuals upon repeated or prolonged exposure. Remove individual to fresh air if inhalation occurs. Contact Physician if condition persists.

Other effects of overexposure: None known

**Section 7 - Spill or Leak Procedures**

Storage: Store in a dry area between 40° F - 105° F (5° C - 40° C).

Steps to be taken in case material is released or spilled: Wear approved respirator for nuisance dust during cleanup.

For small spills, flush to waste treatment sewer (product is biodegradable). For large spills, check local and state authority requirements for disposal. Uncontaminated spills can be returned to container for reuse.

Disposal method: Disposal of this product or its residues must be in accordance with all local, state, and federal requirements.

**Section 8 - Special Protection Information**

TLV or suggested control value: No TLV assigned to this mixture. Control of exposure to below the TLV for the ingredients (see Section 2) will be sufficient. Minimize exposure in accordance with good hygiene practice. Avoid handling which would create large amounts of dust. To maintain shelf life, avoid prolonged exposure to high temperatures and humidity. The ACGIM TLV's shown in SECTION II are OSHA PEL's (Permissible Exposure Limits).

Ventilation: General mechanical ventilation.

Respiratory protection (specify type): The specific respirator selected must be based on the containment levels found in the workplace. If needed, use MSHA-NIOSH approved respirator for nuisance dust.

**Section 9 - Special Protection Information**

Protective clothing: None required.

Eye protection: Chemical type face shield recommended.

Other protective equipment: Eyewash station in work area.

**Section 10 - Special Precautions or Other Comments**

Precautions to be taken in handling or storing: Prevent skin and eye contact. Avoid creating aerosol. Wash hands thoroughly with soap and water after use. Avoid creating dust. Keep out of the reach of children!