

Supplied By:



4801 W. Vernal Pike  
Bloomington, IN 47404  
1-800-734-4133

# Material Safety Data Sheet

**EMERGENCY PHONE:**  
**1-800-535-5053**

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200)

## Section 1: Product Identification

**Product Name:** BIO-COM  
**Product Number:** K710A  
**Product Use:** Bio-enzymatic spore solution/odor counteractant  
**DOT Shipping Name:** Not Regulated

|                             | Hazard Rating                             |
|-----------------------------|---|
| 1 Toxicity                  |   |
| 0 Fire                      | 4=Extreme<br>3=High                       |
| 0 Reactivity                | 2=Moderate<br>1=Slight<br>0=Insignificant |
| Maximum Personal Production |   |

H.M.I.S

**Abbreviation Key:**  
N.A.-Not Applicable  
N.E.-Not Established  
N.D.-Not Determined

A=Goggles B=Goggles & Gloves C=Goggles, Gloves & Apron

## Section 2: Hazardous Ingredient Information

### Hazard Chemical Identity

None CAS No. % TLV PEL TOXIC HAZARD

Contains no hazardous components as listed in 29 CFR 1910.1000 or other pertinent sections of OSHA regulation.

## Section 3: Physical Data

**Color:** Opaque white  
**Odor:** Neutral  
**Physical State:** Liquid  
**Solubility in Water:** Soluble>99%  
**Boiling Point (°F):** 212  
**Specific Gravity:** 1.01  
**Vapor Pressure (mmHg):** N.D.  
**Vapor Density (air=1):** N.D.  
**% Volatile (volume %):** >90  
**Evaporation Rate (water=1):** 1  
**pH:** 7.0-9.0

## Section 4: Fire and Explosion Hazard Data

**Flash Point:** None  
**Flammable Limits in Air:** Upper: N.A. Lower: N.A.  
**Extinguishing Media:** Water, foam, CO2, Dry Chemical  
**Special Fire Fighting Procedures:** None  
**Unusual Fire and Explosion Hazards:** None

## Section 5: Reactivity Data

**Chemical Stability:** Stable  
**Conditions to Avoid:** None  
**Incompatibility (Materials to avoid):** None  
**Hazardous Decomposition of By-Products:** Thermal decomposition may yield carbon monoxide and carbon dioxide  
**Hazardous Polymerization:** Will not occur

## Section 6: Toxicological Properties

**Routes of Entry:** Ingestion, Eye contact

### EFFECTS OF OVEREXPOSURE:

**Eyes:** Mild irritation, redness  
**Skin:** May cause mild irritation. \*NOTE May cause infections if in contact with open wounds on skin.  
**Ingestion:** Nausea, Vomiting, Abdominal pain.  
**Inhalation:** Not a likely route of exposure.

## Section 7: Preventative & Control Measures

**Respiratory Protection:** Not required  
**Ventilation:** Local exhaust: Use with adequate ventilation  
Mechanical: Not required

**Protective Gloves:** General purpose rubber gloves.  
**Eye Protection:** Splash goggles when dispensing product if splashing can occur  
**Other Protective Equipment:** None

### STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR

**RELEASED:** Rinse material with water or absorb on a suitable media, rinse residue to sanitary sewer.  
**Waste Disposal:** Dispose of in accordance with federal, state and local regulations.

## SECTION 8: EMERGENCY FIRST AID PROCEDURES

### First Aid Notes to Physician:

**Eyes:** Rinse well with water for 15 minutes, if irritation persists, see a physician.  
**Skin:** Rinse well with soap and water after handling product.  
**Ingestion:** Drink 1 or 2 glasses of water and call a physician or poison control center.  
**Inhalation:** Remove person to fresh air.

## Section 9: Special Precautions

**Precautions to be taken in handling and storing:** Always wash hands thoroughly with soap and water after using biological products. Store in a cool, dry place. Store below 110°F and keep from freezing. KEEP OUT OF REACH OF CHILDREN.

**Other Precautions:** The user of any chemical products should be aware of the potential hazards, know and unknown, and their effect on the human system. We strongly urge that all users minimize their exposure to all chemicals, including this products and to keep the level of exposure commensurate with good industrial hygiene practices.

## Section 10: Preparation Information

**Prepared By:** Regulatory Affairs Department  
**Phone:** 812-336-4817  
**Date of Preparation:** July, 2004

The above information is believed to be accurate with respect to the formula used to manufacture this product. As data, standards and regulations change and conditions of use and handling are beyond our control. **NO WARRANTY** expressed or implied is made as to the completeness of continuing of this information.

# Bio Com

## Technical Data Sheet



*Environmentally  
Friendly*

### Product Description

**Bio Com** is a highly concentrated blend of naturally-occurring bacteria that attack grease, fats, proteins and carbohydrates. It prevents build-up of greasy deposits in drain pipes, grease traps and septic systems. Because of the natural process used to dissolve these wastes, it is not suitable for use as a drain opener. Environmentally friendly and contains no Solvents.

### Use Directions

**Sink and Floor Drains:** Pour a minimum of 4-6 ounces 3-4 times per week.  
**Grease Traps:** Initially treat the grease trap directly with 15-20 ounces per day in the main sink drain line going into the grease trap.  
 Vary amount according to severity of grease and odor problems.

*Non-Acidic,  
Non-Caustic*

### Areas of Use

Cleaner for industrial, institutional and commercial drains and septic tanks only. For best results, avoid immediate contact with disinfectants, chlorinated products and extremely hot water which may reduce the effectiveness of this product. Dispense at the end of the day, or when the drain will not be used for a least four house.

### Safety Precautions

Caution! Handle biological products with care. Wash hands thoroughly with soap and water after use of contact.  
 For industrial use only. Keep container closed when not using. Avoid all contact with open wounds. Do not take internally. Avoid contact with skin & eyes. Wear gloves and eye protection when handling concentrated product.

*Economical*

### Shipping Classification

Not Regulated

### Packaging

4 / 1 Gallon Case

*Safe*

### Properties

**FORM:** Opaque White Liquid  
**FRAGRANCE:** Neutral  
**SOLUBILITY:** Soluble >99%  
**STABILITY:** Stable