



MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFICATION

Brand Name: **Microbloc® Biologx Dry Max**

Chemical Name: Biological Cleaner

HMIS NFPA

HEALTH	1	1
FLAMMABILITY	0	0
PHYSICAL HAZARD	0	0
HMIS PPE	B	

PREPARER

Microbloc, LLC
PO Box 470
Kernersville, NC. 27285

Information: 888-328-6653

2. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS#	WEIGHT %
Viable Bacterial Cultures (largely water) Mixture	N/A	<1.0%

3. HAZARDS IDENTIFICATION

SYMPTOMS OF ACCUTE EXPOSURE

Eye Contact: May cause irritation and redness.
 Skin Contact: May cause mild skin irritation. Organisms used are non-pathogenic but can cause infection when in contact with open wounds or broken skin.
 Ingestion: May cause irritation. Nausea. Vomiting.
 Inhalation: May cause mild respiratory irritation.
 Chronic Effects: Dermatitis
 Effects/Carcinogenicity: None listed under OSHA, IARC or NTP
 Routes of Entry: Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

4. FIRST AID MEASURES

INGESTION: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.
 SKIN CONTACT: Wash with soap and water. Remove contaminated clothing and laundry before reuse. 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. Get medical attention.
 EYE CONTACT: Immediately flush eyes with large amounts of water for at least 15 minutes. Seek medical attention.
 NOTES TO PHYSICIAN: Treatment based on sound judgment of physician and individual reactions of patient.

5. FIRE AND EXPLOSION HAZARD DATA

Flash Point: None
 Method: TCC
 Flammable Limits in Air
 - Lower (%): None
 - Upper (%): None
 Sensitivity to Mechanical Impact (Y/N): No
 Sensitivity to Static Discharge: Not expected
 Suitable Extinguishing Media: Water fog, carbon dioxide, foam, dry chemical
 Fire Fighting Procedures: Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires.

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures
 Small Spills: Mop up or soak up immediately
 Large Spills: Dike to contain. Pick up with absorbent material. Put in suitable container for disposal
 Personal Precautions: NA
 Environmental Precautions: NA
 Methods for Cleaning Up: NA

7. HANDLING AND STORAGE

Precautions to be Taken
 In Handling and Storage: Avoid contact with skin and eyes. Avoid generating or breathing dust. Avoid contact with open In wounds. Wash thoroughly after handling. Keep container closed when not in use. Read entire label before using. Do not contaminate water, food or feed. Keep out of reach of children. Store in a cool, dry location away from incompatible materials. Do not reuse this container. Store only in original container and keep closed. Keep from freezing.

Other Precautions: No other spill procedures necessary.

Specific Use(s): NA

8. PERSONAL PROTECTION

PERSONAL PROTECTION

Exposure Controls: None Known

Respiratory Protection: Not normally required. If mist or vapors in air exceed exposure limit, use NIOSH approved organic vapor respirator.

Protective Gloves: Neoprene. Rubber gloves. Vinyl gloves.

Eye Protection: Safety Glasses

Other Personal Protection: Appropriate protective clothing as needed to prevent skin contact.

Equipment:

Ventilation: Not normally required. General mechanical or local exhaust as needed to maintain exposure below TLV or PEL

9. PHYSICAL AND CHEMICAL PROPERTIES

State..... Liquid

Color..... Opaque white liquid. Mild Odor

Odor..... Mild

VOC Content (%)..... NE

Boiling Point °C..... 212⁰

Density..... 8.595 lbs/gal

Specific Gravity @20 °C..... 0.992- 1.012

Water Solubility..... NA

pH..... 6.9-7.9

10. STABILITY AND REACTIVITY

Stability DataStable:..... Stable

Polymerization:..... Will Not Occur

Hazardous Decomposition:..... Oxides of Carbon. Oxides of Nitrogen. Incompatibility (Materials to Avoid):..... Avoid contact with acidic, basic or oxidizing agents Conditions/Hazards to Avoid:..... Extreme heat, direct sunlight. Strong acids or alkali compounds may..... inactivate biological cultures.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:..... NE

Effects of Chronic Exposure..... NE

Other Toxic Effects..... NE

12. ECOLOGICAL INFORMATION

Ecotoxicological Information:..... No data at this time

Chemical Fate Information:..... No data at this time

Mobility:..... NA

Persistence/Degradability:..... NA

Bioaccumulative Potential:..... NA

Other Adverse Effects:..... NA

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Dispose in accordance with Federal, State and Local regulations

14. TRANSPORTATION INFORMATION

Please refer to Bill of Lading/Receiving documents for up to date shipping information

