

# MATERIAL SAFETY DATA SHEET (MSDS)

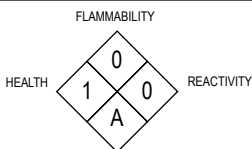
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Manufactured By: Kleenrite Chemical, 2727 Girard Blvd. NE, Albuquerque, NM 87107 USA

**Emergency Telephone Number: 1-800-535-5053 (24-hour)**

## SECTION I – CHEMICAL PRODUCT

Product Name: BioEnz®  
Identity: Bio-Enzymatic Odor Counteractant



4 = EXTREME 3 = HIGH 2 = MODERATE 1 = SLIGHT 0 = INSIGNIFICANT

## SECTION II – COMPOSITION AND INGREDIENTS

Ingredients/Chemical Name: Proprietary formula (NA). Contains viable non-pathogenic bacterial cultures.

Hazardous Ingredients as Defined by OSHA, 29 CFR 1910.1200.

Chemical Name	Common Name	CAS No.	Recom. Limits	Comp. Range	LD50/LC50
None.					

## SECTION III – HAZARDS IDENTIFICATION

Health Hazards (Acute and Chronic):

- Ingestion: Gastrointestinal disorders.
- Eye Contact: May cause slight irritation.
- Inhalation: Unlikely.
- Skin: May cause slight irritation on preexisting site disorders.

## SECTION IV – FIRST AID INFORMATION

Emergency and First Aid Procedures:

- Ingestion: Obtain immediate medical attention.
- Eye Contact: Flush eyes with large amounts of water for 15 minutes, lifting upper and lower eyelids. If irritation persists, obtain medical attention.
- Inhalation: Remove to fresh air. If irritation persists, obtain medical attention.
- Skin: Wash off with soap and water. Remove contaminated clothing and wash before reuse. If irritation persists, obtain medical attention.

## SECTION V – FIRE FIGHTING INFORMATION

- Flash Point (Method Used): None.
- Explosive Limits: LEL: .07 UEL: 12.5
- Extinguishing Media: Foam, water, fog, dry chemical or CO2.
- Special Fire Fighting Procedures: None known.
- Unusual Fire Hazards: None known.
- Combustion: NA.
- Sensitivity to Static Discharge: None known.
- Sensitivity of Mechanical Impact: None known.

## SECTION VI – ACCIDENTAL RELEASE MEASURES

Environmental Precautions: Disposal is to be performed in compliance with all Federal, State and Local regulations.

Steps To Be Taken in Case Quantities of Material are Released or Spilled: Put on safety glasses, or goggles and rubber gloves. Contain spill with absorbent material. Clean up residue with water. For large spills, dike area and absorb or pump up.

## SECTION VII – HANDLING AND STORAGE

Precautions To Be Taken in Handling and Storing: Avoid eye and skin contact. Store in a cool, dry, well ventilated area away from incompatibles. Keep container tightly closed when not in use. Wash thoroughly after handling materials, as conditions will vary, depending upon customer applications, specific handling procedures should be developed by persons knowledgeable of their intended use, conditions, and equipment.

Other Precautions: For professional use only. Keep out of reach of children.

## SECTION VIII – EXPOSURE CONTROLS, PERSONAL PROTECTION

Respiratory Protection: Not normally indicated.

Ventilation: General.

Eye Protection: ANZI Z87 (optional). Safety glasses with side shield or splash guards are recommended.

Protective Gloves: Recommended: Disposable nitrile exam gloves are suitable for preventing prolonged contact with the skin.

Other Protective Equipment: None required.

## SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Appearance ..... opaque off-white liquid  
Odor ..... fresh  
Odor Threshold ..... ND  
Coefficient of Water-Oil Distribution ..... ND  
Boiling Point ..... 212° F (100° C)  
Specific Gravity ..... 1.003  
Vapor Pressure (mm Hg) ..... ND  
Melting Point ..... NA  
Vapor Density (Air = 1) ..... 1.0  
Evaporation (nBuOAc = 1) ..... 1.0  
Water Solubility ..... complete  
pH (in original form) ..... 9.40  
pH (in rtu form) ..... 7.20  
VOC (gm/l) ..... 0

## SECTION X – STABILITY AND REACTIVITY

Possible Hazardous Reactions/Conditions: None known.

Conditions to Avoid: Strong acids or alkali compounds may inactivate biological cultures.

Materials to Avoid: Bleach, disinfectants.

Hazardous Decomposition Products: Oxides of carbon.

Stability: Stable.

Hazardous Polymerization: Will not occur.

## SECTION XI – TOXICOLOGICAL INFORMATION

None known.

Sensitivity to this product is minimal unless subject shows existing conditions that may be aggravated on exposure. Subject is advised to make good assessment of the conditions.

## SECTION XII – ECOLOGICAL INFORMATION

None known.

## SECTION XIII – TRANSPORT INFORMATION

DOT Classification: Not regulated.

Non-hazardous liquid, N.O.I.

UN Number: NA.

## SECTION XIV – OTHER INFORMATION

SARA 313:NA SCAQMD VOC = 0 LBS./GAL.

NA = Not Applicable ND = Not Determined NE = Not Established

The submission of this MSDS may be required by law, but this is not an assertion that the substance is hazardous when used in accordance with proper safety practices and normal handling procedures. Data supplied is for use only in connection with occupational safety and health. The information contained herein has been compiled from sources considered by Kleenrite to be dependable and is accurate to the best of the Company's knowledge. The information relates to the specific material designated herein, and does not relate to the use in combination with any other material or process. Kleenrite Chemical makes no warranty, representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of their own use, handling and disposal of the product. Kleenrite assumes no responsibility for injury to the recipient or third persons, for any damage to any property resulting from misuse of the controlled products.