

Odor Neutralizer™

Material Safety Data Sheet

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CHEMTREC: 800-424-9300

HAZARD RATINGS

1= Slight
2= Moderate
3= High
4=Extreme
0= Insignificant

HEALTH	1
FIRE	0
REACTIVITY	0
P.P.E	B

I. PRODUCT IDENTIFICATION

BaadBugs- Odor Neutralizer™

COMMON NAME : Cleaning Compound
GENERIC NAME : Cleaner
CHEMICAL : Mixture

III. HAZARDOUS INGREDIENTS

Ingredients CAS % OSHA PEL ACGIH TLV
DOES NOT CONTAIN ANY HAZARDOUS INGREDIENTS

III. PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT:212 APPEARANCE:.....White
SPECIFIC GRAVITY:.....1.0031 FORM:Powder
MELTING POINT :.....N/D ODOR:Bland
EVAPORATION RATE.....N/D VAPOR DENSITY: N/D
SOLUBILITY (H2O,25C): Soluble PH:.....7
VOLATILIZES CONTENT: 0 VOC(g/l): 0

IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Degrees- non-flammable
LEL N/D
UEL: N/D
Auto-ignition Temperature: N/D
Extinguishing Media: Product is water-based and will not support flames. Unusual Fire/Explosion Hazards: Closed containers exposed to heat may rupture due to pressure build up. Hazardous decomposition products: Carbon oxides, hydrocarbons, steam.

V. REACTIVITY

Stability.....STABLE
Conditions to Avoid.....NONE KNOWN

VI. HEALTH HAZARD

ROUTES AND INDICATIONS OF EXPOSURE

EYES May cause irritation to eyes
SKIN: Good industrial hygiene recommended
INHALATION N/A
INGESTION May cause irritation.
TOXICITY DATA: None as listed by OSHA, NTP, IARC or EPA

EMERGENCY FIRST AID:

EYES Flush eyes for fifteen minutes with water.
SKIN: Wash exposed areas with soap and water
INHALATION Remove victim to fresh air or oxygen supply. Seek medical attention if breathing difficulty persists.
INGESTION If conscious, give victim two glasses of water to dilute ingested material. Do not induce vomiting.

VII. SPILL/DISPOSAL PROCEDURES AND PRECAUTIONS

HANDLING:

Keep closed when not in use. Store at room temperature. Prevent from freezing. Follow MSDS and Label even after the package empty. Material Spillage: contain and retrieve spilled materials (absorb, pump, vacuum)

WASTE DISPOSAL:

This material is NOT defined as hazardous by the Resource Conservation and Recovery Act. It is the product users responsibility to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as hazardous waste. (40 FR 261020-40). Spill and releases of these material are not reportable under S.A.R.A.(III) Sec. 313.

VIII. PERSONAL PROTECTIVE EQUIPMENT (P.P.E)

PROTECTIVE EQUIPMENT: Wear Safety glasses and gloves.
RESPIRATORY PROTECTION: General ventilation recommended.
ENGINEERING CONTROLS: Keep containers closed when not in use. Do not handle or store near strong oxidants.
PERSONAL HYGIENE: Cleanse skin thoroughly after contact.

REGULATORY INFORMATION

D.O.T SHIPPING NAME: Non-Regulated
D.O.T HAZARD CLASSIFICATION:.....N/A
S.A.R.A III SEC. 311 & 312: N/A
S.A.R.A. III SEC. 313: NOT covered under SARA 313
R.C.R.A.: NO
TSCA Registry: YES

The information provided in this MSDS is believed to be reliable and accurate. However, the information is provided without any warranty or guarantee, express or implied, regarding its correctness. The conditions or methods of handling, storage, use and disposal or the product are beyond our control. We do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of the use of this information. The buyer assumes all responsibility of using and handling the product in accordance with the federal, state and local regulations.

BioRem-2000

Wastewater Solutions

Odor Neutralizer™

- An all-natural botanical product, formulated to neutralize odor-producing compounds in industrial and commercial settings.
- Changes the environment to digest the proteins and fats down to another biochemical pathway which does not produce the reduction by-products which cause odor production.
- Applications include wastewater treatment, compost facilities, garbage transfer station, landfills, rendering plants, solid waste handling, laundries and vegetable waste.
- Applied and dispensed by high/low pressure fog/spray systems, scrubbers and spray bars.
- It is not a perfume or masking agent.
- It is more effective, safe and cost-efficient than competitive products.
- It is non-toxic, non-reactive, non-volatile, non-flammable, biodegradable and ecologically safe.
- One gallon of diluted material will cover 1,000 square feet.



The odor-producing compounds are organic compounds containing sulfur or nitrogen functionalities, including the mercaptan family as well as amino-functioning hydrocarbons which are of low molecular weight and create various petrifying malodors. The decomposition of meat or carcasses creates hydrogen sulfide but also creates cadaverine which is a hydrocarbon diamine. These compounds are produced when the bacteria digests the organic proteins in an anaerobic environment. This causes the bacteria to pull the oxygen atoms of the amino acids of the proteins causing the production of sulfides, mercaptans and amino hydrocarbons.

Any ammonia or hydrogen sulfide which may be present is digested by the live Cozymase System found in BioRem-2000 Odor Neutralizer™, which uses these compounds as fuel for their cellular functions.

Ingredients are covered under 21 CFR §182.20 for use in food grade ingredients for applications listed under Section 409. These include odor and pH control of such environments. BioRem-2000 Odor Neutralizer™ is diluted 5:1 with water and then applied by spraying on to odor-producing substances. Usage frequency depends on the accumulation rate of waste products causing the odor.



Item Number	Product	Unit Size
8607-005	BioRem-2000 Odor Neutralizer™	5 Gal.
8607-030	BioRem-2000 Odor Neutralizer™	30 Gal.
8607-055	BioRem-2000 Odor Neutralizer™	55 Gal.