

# BioRem-2000<sup>TM</sup>

## Wastewater Solutions

### Odor Neutralizer<sup>TM</sup>

- 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<sup>TM</sup>, 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<sup>TM</sup> 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 <sup>TM</sup>	5 Gal.
8607-030	BioRem-2000 Odor Neutralizer <sup>TM</sup>	30 Gal.
8607-055	BioRem-2000 Odor Neutralizer <sup>TM</sup>	55 Gal.

