



BIO-ORGANIC CATALYST
THE POWER IN NATURE®

CASE STUDY
bio-organic.com

Examples Of Eccomate® Odor Elimination Systems For Garbage

Eccomate® Municipal and Industrial Odor Control

- Neutralize Odors on Contact
- Reduce VOC Emissions (Greenhouse Gases)
- Accelerate Composting Rates

Eccomate® will instantly on contact neutralize organic volatile organic compounds, offering exceptional noxious odor control and reduction of VOC emissions. Eccomate® is a highly concentrated bio-catalytic composition designed to form highly reactive micro-bubbles within water that have extraordinary oxygen transfer capabilities across the membrane barriers of wastes.

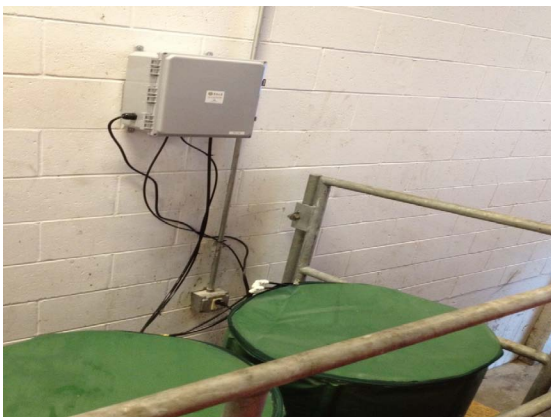
Eccomate® can be used at extremely high dilutions within misting and spray systems, allowing adaption to every type of odor control program, including garbage compactors/trucks, conveyor belts, bio-solids dewatering, food waste processing, land fills, recycling facilities. It contains no bacteria, or active enzymes, but stimulates the vitality of indigenous microorganisms by providing substantial improvement in oxygen availability, oxygen transfer, and the release of waste components for consumption by indigenous microorganisms

Directions for use: Eccomate® application rates that can be increased proportionately to the area being treated, generally at dilutions in water from 100 x 1 up to 2500 x 1.

Product Specifications: Eccomate® is non-toxic, non-caustic, and safe to handle with a recommended shelf life of two years. May be stored with confidence at temperatures below 125F /50°C.

Contents: Water, highly purified bio-organic catalysts from plant and mineral sources, bio-surfactants..

Tulane UniversityBOC Automatic Odor Elimination Misting System For 3 Compactor/Bailers



BOC Automatic Odor Elimination Misting System For 3 Compactor/Bailers.



Automatic Misting System For 3 Compactor/bailers-1 Master Panel For 4 spray heads.

Flexible Drums



Master Panel



One Spray Head For Leach Drain Odors



Master Panel For 4 spray heads



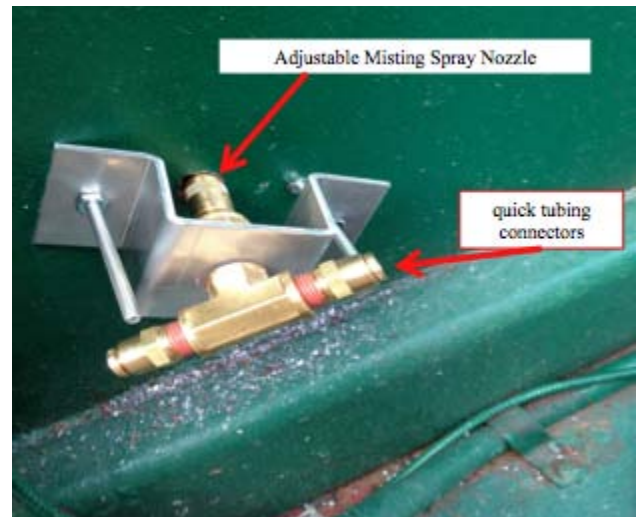
Adjustable Misting Spray Nozzle Assembly Using High-Pressure Polyethylene Tubing

Installed On Side wall Of Compactor/Bailer

- Note the use of push to connect -tubing connectors for easy installation's.
- Also known as instant fittings, these fittings provide a quick and easy way to connect and disconnect plastic and soft metal tubing.
- They form a tight seal around the outside of your tubing - simply insert the tubing into the fitting until it is seated. Depending on the fitting, either an internal grasping ring or a collet and O-ring keep the tubing secured.
- To disconnect, simply push on the release ring and pull the tubing out of the fitting.

High-Pressure Polyethylene Tubing

- Opaque Black
- Flexible
- Hard (Shore D65)
- Temperature Range: -100° to 180° F
- Use with water, air, food and beverage, and ethylene glycol.



BOC Dilution: ½ Gallon Per 50 Gallons

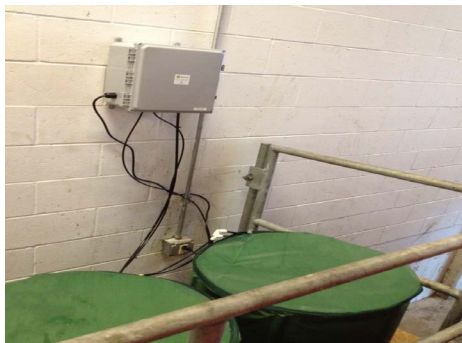
Flexible 50 Gallon Drums



Automatic Odor Elimination System For 1-30 Yard Compactor/Dumpster

Master Panel For 2 Spray Heads

(1 Spray Head Directed On To Leach From Dumpster)



1-Overhead Spray Head Into
Compactor Opening



Automatic Odor Elimination System For 1-30 Yard Compactor/Dumpster



Different View Of Automatic Odor Elimination System For 1-30 Yard Compactor/Dumpster

