

TECHNICAL BULLETIN

DESCRIPTION

The biological imbalance in waste systems is often induced by a lack of oxygen and the growth of unwanted noxious or anaerobic bacteria. These odorous conditions exist due to inefficient protein and carbon/sulfur degradation resulting from insufficient dissolved oxygen and its tertiary compounds to support ongoing bio-oxidation reactions.

In addition, digestive compounds, that is enzymes and/or subsequent reducing compounds, cannot function in an environment that is lacking the required elements. The solution is to supply these elements and modify the bio-environment by improving the continuous release and stabilization of oxygen through enhancement of single-bonding reactions.

AERO™ promotes the release and stabilization of oxygen-containing compounds that support both biological and biochemical processes which naturally break-down organic and chemical compounds at an accelerated rate in waste management systems.

BENEFITS

- Eliminates or reduces offensive odors
- Promotes essential aerobic bacteria and a more active digestive enzyme system
- Accelerates the digestion of organic and chemical matters
- Raises and stabilizes dissolved oxygen levels
- Reduces turbidity or suspended solids
- Functions under a wide pH range
- Toxicology tested SAFE and non-toxic

APPLICATION

SHAKE WELL OR STIR BEFORE USE.

AERO™ may be diluted to ensure even distribution. Consult your Biofeed® products dealer for additional information and HC remediation technology.

WASTEWATER AND SLUDGE TREATMENT: Spray or inject a rate of 3-5 parts per million (PPM) once every 1-2 weeks, or inject continuously at a rate of 0.5-1.5 PPM. **AERO™** should be applied early in the process, usually at the lift station or downstream from any acid, chlorine, or chemical treatments of wastewater or sludge.

RIVERS AND WATERWAYS: Apply 3-5 parts per million (PPM) continuously until desired conditions are attained, then maintain at 1-2 PPM continuously by drip-feed or metering pump. Ideal method of application is to dilute product in a sprayer filled with water and evenly spray this solution over the surface of the water.

PHYSICAL CHARACTERISTICS

Appearance: Brown liquid
Weight: 8.6 lbs./gal.
pH: 7.5-8.5
Enzymatic activity may affect pH during storage.

CHEMICAL CHARACTERISTICS

Contains xanthoproteic acids, natural polymers and proteolytic enzymes.

AVAILABILITY

United States of America

- 5-gallon (18.93 L) pail
- 55-gallon (208.2 L) drum
- 275-gallon (1040.99 L) tote

Other Countries

- 20-Liter (5.28 gal) pail
- 208-Liter (54.95 gal) drum
- 1040-Liter (274.74 gal) tote

STORAGE AND DISPOSAL

Store at 50°-95°F / 10°-35°C. Do not store in direct sunlight. Keep product in the original container and store in cool, dry area. Triple rinse when empty for recycling. Always dispose of container in accordance with local, state and federal regulations.

WARNING



KEEP OUT OF REACH OF CHILDREN. MAY BE HARMFUL IF SWALLOWED.

SDS available upon request.

CONDITION OF SALE

The information herein is believed to be accurate and reliable. Buyer and user assume all liability from use of this material. Follow directions carefully. Timing, method of application, weather, plant, crop or turf conditions and other factors are beyond the control of the seller.



Innovation That GrowsSM