



MICROBE-LIFT/IND

A Liquid Microbial Consortium

MICROBE-LIFT/IND is a highly active liquid culture consortium design specifically for use in industrial and municipal wastewater systems. MICROBE-LIFT/IND contains a blend of 12 select microorganisms with a specification of 387/450 million microorganisms/ml. MICROBE-LIFT/IND cultures accelerate the biological oxidation of slow to degrade organic matter in aerobic, facultative anaerobic and anaerobic wastewater systems, ponds, lagoons and wastewater retention tanks. MICROBE-LIFT/IND -enhances the biological oxidation of slow to degrade organic compounds significantly improving overall system performance and stability.

MICROBE-LIFT/IND select cultures promote increased biological degradation capabilities in all types and designs of biological wastewater systems. They increase the degradation rate of slow to degrade, difficult to degrade and many non-biodegradable compounds that have shown to negatively impact wastewater system performance. They resist high concentrations of Inhibitory constituents; improve system performance, reduce system upsets and biomass kills common to industrial and municipal wastewater systems.

MICROBE-LIFT/IND- increases overall microbial oxidation rates significantly increasing organic degradation performance. This novel microbial consortium provides reductions in final effluent BOD, COD, SS, improves settling in final clarifiers and reductions in waste sludge volume (degrades difficult compounds such as, fatty acids, various chemical compounds, hydrocarbons and fibrous matter).

Effects

- Enhances overall biological degradation performance
- Reduces shock kills, and provides stable operation
- Provides rapid up-set recovery
- Improves settling in final clarifier
- Provides reductions in final effluent BOD, COD, SS
- Reduces and controls system odor
- Provides reduction in sludge production



Directions

Application rates may vary based on system design, constituents present in effluent waters, loading rates and system retention time. Consult your representative for optimum treatment recommendations.

- 5 to 20/ppm, based on daily flow, constituents present and retention timer enhanced performance treat contained waters and daily flow.
- Use 10 to 30 ppm for odor control, as shown above.
- Add directly to the head of the biological system.

Odor abatement, MICROBE-LIFT/IND- Contains purple sulfur and non-purple sulfur microorganisms capable of controlling biological gaseous reactions such as H₂S and other associated biological gaseous reactions, as well, as associated corrosion.

Specifications

Appearance - Free flowing liquid
Color - Purple to red
Specific gravity - 1.04
Ph - 6.5 to 7.5 "Natural range"
Odor - Sulfide
Stability - 2 years

MICROBE-LIFT/IND- contains Natural occurring, Non-Toxic soil microorganisms. Safe for all wastewater process systems, humans, lakes, rivers, pets, and the environment. MICROBE-LIFT/IND- is the natural solution to difficult wastewater problems.

MICROBE0LIFT/IND- is designed for use in biological wastewater systems by professional environmental wastewater service professionals. Use MICROBE-LIFT/IND-to achieve optimum stable system performance.

Warning - Wash hands after use, may irritate eyes (flush with water for 15 minutes). Do not take internally.