



**EARTH DOCTOR, INC.**

PRODUCT INFORMATION BULLETIN

ALKEN **CLEAR-FLO® 7000 - 3x**  
Manufacturing Concentrate

## GENERAL INDUSTRIAL & MUNICIPAL WASTE DEGRADER

### DESCRIPTION:

ALKEN **CLEAR-FLO® 7000-3x** Manufacturing Concentrate is super-concentrated dry blend of broad spectrum strains of bacteria for use in domestic, municipal and industrial wastewater, soil remediation, and agricultural applications, where the naturally occurring microbial population is inadequate for timely bioremediation. The microorganisms in ALKEN **CLEAR-FLO® 7000-3x** have the ability to degrade septage and difficult compounds such as detergents, paper, oil, grease, and hydrocarbons. ALKEN **CLEAR-FLO® 7000-3x** also controls sulfide and other odors arising from the breakdown of sulfur compounds and effectively reduces biochemical oxygen demand (BOD), chemical oxygen demand (COD), and suspended solids (SS).

### CHARACTERISTICS:

Bacteria count:	1 x 10 <sup>10</sup> cfu per gram
Appearance:	Free flowing, brown
Odor:	Earthy
pH:	Neutral

### ADVANTAGES:

- Resistant to high levels of heavy metals, organic solvents, pesticides, phenols, etc.
- Cultures grow in either the presence or absence of oxygen.
- Significantly improves the performance of septic tanks, lagoons, activated sludge, trickling filter and waste holding basins.
- Effective over a wide temperature (38°F to 145°F) and pH range (5.0 to 9.5).

### DOSAGES:

**Aerated basins, activated sludge digesters, anaerobic digesters and trickling filters:** Use 1/3 of the dose listed for regular ALKEN **CLEAR-FLO® 7000** on the **Industrial/Municipal dosage charts**.

**Agricultural applications,** please request the agricultural use product information bulletin for ALKEN **CLEAR-FLO® 7000**. Use 1/3 the dose for the regular ALKEN **CLEAR-FLO® 7000**.

Although the product may be applied dry, for optimum bacterial performance, we recommend that you hydrate ALKEN **CLEAR-FLO® 7000-3x** before application. Thoroughly mix each pound of dry product with two gallons of warm (approx. 70°F) water. Allow the mixture to hydrate for up to two hours, stirring vigorously every half hour. After final settling, carefully pour off the top liquid layer for use, squeeze all liquid from the bran that has settled into the liquid and either dispose of the remaining bran or toss it into the system. Avoid the use of algacides, herbicides and antibiotics when using ALKEN **CLEAR-FLO®**.

### PACKAGING and HANDLING:

ALKEN **CLEAR-FLO® 7000-3x** is packaged in 25-, 50-pound containers. Store in a cool dry place. Avoid inhalation of dust and wash hands with warm soapy water after handling.

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