



LAGOON KLEEN™

TECHNICAL DATA

PURPOSE: Lagoon Kleen is a concentration of special enzymes and natural bacteria cultures that help manage unwanted solids in agricultural waste handling systems. The specific cultures have been selected for the rapid and efficient biotreatment of all liquid organic waste in lagoons or other storage systems.

The selected bacteria and enzymes in Lagoon Kleen go to work quickly when placed in a waste system. They start by digesting the organic matter and nutrients which are suspended in the water column, have settle down to the bottom or float on the surface. By liquefying these solid wastes and consuming them through enzyme action, water clarity naturally improves; odor problems decrease and unsightly waste materials are reduced. Clean out of waste from the storage system is made easier with the reduction of solids.

DESCRIPTION: Lagoon Kleen is a non-toxic formulation of facultative aerobic and anaerobic bacteria, enzymes and surfactants effective for the digestion and liquefaction of organic solid wastes found in liquid waste handling systems.

The shelf stable, dry granular product is non-corrosive, non-caustic and completely safe. It will not harm pumps, fountains, valves or nozzles.

DOSAGE AND APPLICATIONS: Lagoon Kleen is applied at a rate of one pound per 100,000 gallons of liquid waste (or about 3 lbs. per acre foot). Applications should be made at monthly intervals. Initial purge applications at double rate (made weekly during the first month) may accelerate the bio-augmentation process.

APPLICATION METHOD: The Lagoon Kleen dry granules may be spread any time the water temperature is in the 60°-100°F range. The granules should be broadcast over the surface of the waste holding area or, if from a shoreline, as far as possible. The granules may also be diluted in water and poured or broadcast by hand into the system. The granules should not be mixed with water and sprayed due to the possibility of plugging spray nozzles.

ENVIRONMENTAL SAFETY: Lagoon Kleen is effective under both aerobic (oxygen rich) or anaerobic (oxygen starved) conditions. Existing recirculation pumps will be enhanced in their performance with Lagoon Kleen.

The natural ingredients in Lagoon Kleen are recommended for improving the microbiological balance in a waste management system. Lagoon Kleen is harmless to humans, animals, birds, fish, and living plants. Lagoon Kleen is non-pathogenic, non-toxic and biodegradable.



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