



Product Characteristics

Derived From:

Non-pathogenic, preselected, adapted microorganisms and ancillary enzymes.

Physical Properties:

Appearance: Beige

Form: Granular powder

Nominal Microbe Count:

Formulated to contain > 3 x 10⁹/gram

Shelf Life: 2 Years

Packaging: 25 lb (11.3 kg) plastic pails/220 lb (100 kg) fiber drums

Caution:

Avoid inhalation of dry powder or liquid mist. Avoid exposing skin to dry powder or strong solution as irritation may result. If material contacts skin or eyes, flush thoroughly and repeatedly with water.

Storage and Disposal:

Keep product in original container. Store in dry area at 45°F to 105°F (7°C to 40°C). Do Not Freeze. Do not transfer into food or drink containers. Wash with soap and triple rinse when empty for recycling. Always dispose of container in accordance with local, state, and/or federal regulations.

Conditions of Sale:

The information contained in this bulletin is believed to be accurate and reliable. Buyer and user acknowledge and assume all liability resulting from the use of this material. Follow directions carefully. Timing, method of application, weather, and other factors are beyond the control of the seller.

For more info on this product:



Bioformula for Facultative Lagoons and Ponds (Dry)

Huma[®] MicroPlex[®] FL is a synergistic blend of preselected, adapted microorganisms and enzymes for use in facultative lagoons and ponds receiving municipal, commercial, industrial, and food-processing and dairy waste.

MicroPlex[®] FL is formulated with natural enzymes, surfactants, and microbes to enhance plant operations and reduce odor. MicroPlex[®] FL contains a combination of enzymes and aerobic and facultative anaerobic microorganisms selected from nature for their ability to break down a broad range of substances encountered in domestic, industrial, and dairy wastes. These include lignocellulosics, greases, fats, proteins, fibrous solids, and other wastes.

Application:

In general, MicroPlex[®] FL is applied directly to the lagoon or pond on a regular, preventive maintenance basis. Application programs range from about 50 lbs (22.7 kg) per million gallons per day (MGD) (3,785 m³/day) for upset recovery to 1 lb (0.45 kg) per MGD (3,785 m³/day) for maintenance. Your Huma[®] representative will provide you with a custom-tailored application program to fit the specific needs of your treatment system. A general range of potential doses is provided below.

APPLICATION	Minimum Dose per MGD (1,000 m ³ /day)	Maximum Dose per MGD (1,000 m ³ /day)
Normal/Maintenance	1 lb; (0.5 kg)	up to 4 lb; (1.8 kg)
Start-Up/Upset	up to 15 lb; (7 kg)	Up to 30 lbs; (14 kg)
Severe Upset	up to 25 lb; (11 kg)	up to 50 lb; (23 kg)

For best results, apply this product under the following conditions:

Conditions	Ranges	Optimum
Dissolved Oxygen, ppm	0–0.5	0.5
pH	6–9	7
Temperature °F (°C)	50–104 (10–40)	95 (35)
Toxic Heavy Metals, ppm	Trace	None