



Product Characteristics

Active Ingredients

> 5 x 10⁹/gram of preselected, adapted microorganisms

Physical Properties:

Appearance: Beige

Form: Fine Powder

Packaging: 25 lb (11.3 Kg) pails; 220 lb (100 Kg) fiber drums; 1 lb packets

Shelf Life: 2 years

Freezing Point: 32°F

Caution:

Keep out of reach of children.

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:

Store at a temperature of 45°–105°F (7°–40°C). Keep product in original container.

Do Not Freeze. Do not transfer into food or drink containers. 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:



Grease and Fat Bioformula for Wastewater Treatment Plants and Sewer Systems (Dry)

Huma[®] MicroPlex[®] FOG is a synergistic blend of preselected microorganisms for use in sewer systems, lift stations, and biological wastewater treatment plants receiving municipal and food processing waste and for use in aerobic and anaerobic sludge digesters. MicroPlex[®] FOG contains a combination of aerobic and facultative microorganisms selected from nature for their ability to break down a broad range of substances encountered in domestic waste and sludges.

Benefits of Use:

- Formulated with grease and fat degraders.
- Breaks down paper residues, greases, fats, proteins, and lipids.
- Prevents system malfunctions that could result in major capital and operating expenses.

Application Instructions:

In general, apply MicroPlex[®] FOG directly to the sewer line, primary system, or the aeration zone of the waste treatment plant or to the digester on a regular preventive maintenance basis.

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

CONDITION	RANGE	OPTIMUM
Dissolved Oxygen, ppm	0.5–2.5	2.0
pH	6–9	7
Temperature, °C	10–40	35
Toxic Heavy Metals, ppm	Trace	None
Nutrients: BOD: NH ₃ -N BOD: PO ₄ -P	10 : 1 – 10 : 0.5 100 : 1 – 100 : 0.5	10 : 1 100 : 1

APPLICATION	FLOW (GPD)	RATES
Lift Station	1,000,000	3–5 lb/day
Wastewater Treatment System	1,000,000	Start-up / Recovery 25–50 lb/day Maintenance 1–5 lb/day