# MicroPlex® HS

## Product Characteristics

**Derived From:**
Preselected, adapted phototrophic, facultative anaerobes.

**Physical Properties:**
Appearance: Colorless to light gray
Form: Liquid
Weight: 8.45 lbs per gallon, 1 kg/L
pH: 6–9
Freezing Point: 32°F

**Notes:**
Must store indoors at room temperature. Use within 12 months of product receipt.

**Caution:**
Keep out of reach of children.
Harmful if swallowed.

**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:

## Hydrogen-Sulfide Reduction in Wastewater Systems: Primary Treatment, Sewer Lines, Lagoons, and Solids Handling (Liquid)

Huma® MicroPlex® HS is a liquid suspension (with an activator packet) of preselected and adapted anaerobes designed to improve biodegradation under anoxic and anaerobic conditions—such as sewer lines, primary treatment, anaerobic lagoons, and sludge handling/processing—to reduce hydrogen sulfide ($H_2S$) odors in conveyance and treatment systems. MicroPlex® HS has been developed for use in food processing, meat packing, and municipal sludge and waste treatment facilities.

**Benefits of Use:**

- Reduces Odor
- Reduces hydrogen-sulfide concentrations
- Improves biodegradation of solids and sludge in anaerobic conditions
- Improves overall system performance

**Application Instructions:**
SHAKE WELL BEFORE USING. Contents are highly concentrated. MicroPlex® HS is applied to the sewer line, primary treatment unit, or directly into the anaerobic lagoon wastewater flow. Contact your local Huma® representative for dosing rates and recommended application.

Dosing is dependent on both wastewater flow and concentration of hydrogen sulfide; therefore, a general range of potential doses is provided.

| APPLICATION | Minimum Dose per MGD (1,000 m3/day) | Maximum Dose per MGD (1,000 m3/day) |
|---|---|---|
| Maintenance Dose | Up to 1.5 gal; (1.5 L) | Up to 30 gal; (40.0 L) |
| Start-Up/Shock Treatment | Up to 5.0 gal; (5.0 L) | Up to 40 gal; (80.0 L) |

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