

MicroPlex[®] HCD



Product Characteristics

Derived From:

Preselected, adapted microorganisms and specialized activated carbon

Physical Properties:

Appearance: Black

Form: Granular Powder

Nominal Microbe Count: Formulated to contain

5×10^9 /gram

Packaging: 25-lb (11.3 kg) plastic drums / 220-lb

(100 kg) fiber drums, 1-lb water soluble packets

Caution:

Keep out of reach of children.

Active enzymes present.

Harmful if swallowed.

Storage and Disposal:

Must store indoors at room temperature.

Use within 12 months of product receipt.

Do not moisten powder prior to use.

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:



Hydrocarbon Degrading Bioformula for Wastewater Plants (Dry)

Huma[®] MicroPlex[®] HCD is a granular powder of preselected, naturally occurring aerobic and facultative anaerobic microbial strains with a specialized activated carbon. MicroPlex[®] HCD is formulated for use in biological wastewater treatment facilities that receive industrial wastes containing a range of hydrocarbons and organic chemicals that are toxic or difficult to degrade. MicroPlex[®] HCD can immobilize low-level toxicants in the wastewater flow and enhance the biodegradation of organic chemicals.

Benefits of Use:

- Absorbs and degrades organic industrial chemicals in wastewater treatment facilities
- Effective on a wide range of man-made organic chemical and hydrocarbons
- Immobilizes low level toxicants

Application Instructions:

MicroPlex[®] HCD should be applied directly to flow entering the aeration basin at the wastewater treatment facility. It is specifically designed to absorb and degrade man-made organic chemicals. Contact your local Huma[®] representative for dosing rates and recommended application.

Dosing is dependent on both type and volume of hydrocarbon and organic chemicals; therefore, a general range of potential doses is provided.

APPLICATION	Minimum Dose per MGD; (1,000 m ³ /day)	Maximum Dose per MGD; (1,000 m ³ /day)
Normal/Maintenance	Up to 1 lb; (0.5 kg)	Up to 4 lb; (1.8 kg)
Start-Up/Upset	Up to 20 lb; (9 kg)	Up to 40 lb; (18 kg)
Severe Upset	Up to 30 lb; (14 kg)	Up to 60 lb; (27 kg)