



# MICROPLEX® C

Enhancing  
Nature's Science

## Product Characteristics

### Derived From:

Specialized, preselected, adapted aerobic and facultative microorganisms.

### Physical Properties:

Appearance: Beige

Form: Powder

Nominal Microbe Count: Formulated to contain > 3 x 10<sup>9</sup>/gram

Shelf Life: 2 years when properly stored

Packaging: 25 lb (11.3 kg) plastic drums / 220 lb (100 kg) fiber drums, in one-pound packages

### 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:

Store in dry area at 45°F to 105°F (7°C to 40°C). Do Not Freeze.

### 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.

## Chemical Degrading Bioformula for Wastewater Plants (Liquid)

PROBIOTIC SOLUTIONS® MICROPLEX® C is a formulation of aerobic and facultative bacteria, specifically chosen for their ability to rapidly degrade difficult to degrade or toxic natural and man-made organic compounds from chemical, textile, pharmaceutical, and other related industries. MICROPLEX® C is formulated to help wastewater treatment systems bioremediate industrial waste streams from petroleum refineries, textile, metals, pharmaceutical, and chemical manufacturing facilities. When used as a preventive maintenance program, MICROPLEX® C will enhance the overall system operation and performance.

### Benefits of Use:

- Bioremediates toxic organic chemical compounds
- Minimizes upsets in system

### Application Instructions:

MICROPLEX® C should be applied directly into the aeration zone of the treatment plant. Your Probiotic Solutions® representative will prepare an application schedule tailored to your waste-management program. A general range of potential doses is provided below.

APPLICATION	Minimum Dose per MGD (1,000 m <sup>3</sup> /day)	Maximum Dose per MGD (1,000 m <sup>3</sup> /day)
Normal/Maintenance	Up to 2 lbs; (0.20 kg)	Up to 15 lbs; (1.75 kg)
Start-Up/Upset	Up to 4 lbs; (0.50 kg)	Up to 30 lbs; (3.50 kg)
Severe Upset	Up to 8 lbs; (1.00 kg)	Up to 60 lbs; (7.00 kg)



Powered by  
**MICRO CARBON  
TECHNOLOGY**

*\*This Product Contains Micro Carbon Technology,® a proprietary blend of very small organic molecules that allow for more effective absorption of nutrients by microorganisms.*