

Environmental

What is MicroPlex[®] DN?

A dry powder of preselected and adapted facultative anaerobic microbial strains, specifically chosen for their ability to reduce Nitrates (NO₃) and Nitrites (NO₂).

Nominal Microbe Count > 3x10⁹ /gram

What does MicroPlex[®] DN do?

Enhances the denitrification process under toxic, inhibitory, or cold weather conditions and specifically to reseed denitrifying systems and maintain the denitrification process. Developed for use in the chemical, food processing, petroleum refining, textile, and related industries and for use in municipal plants receiving wastes containing oxidized nitrogen.

BENEFITS OF USE:

- Restores denitrifying capacity under toxic, inhibitory, or cold weather conditions
- Minimizes upsets in system
- Improves overall system performance

CONSULT: Consult your local Huma[®] Environmental Representative or other soil or wastewater specialist for site-specific recommendations.

Biological Wastewater Remediation

For Denitrification of Wastewater in Anoxic Basins and Anaerobic Digesters

Activated Bugs™

Derived from facultative anaerobic microbial strains.

APPLICATION

Can be applied to the anoxic or anaerobic zone, either directly into the wastewater flow or broadcast over the surface of the water within the anoxic or anaerobic zone.

Application	Minimum Dose	Maximum Dose
Normal/ Maintenance	up to 1 lb/MGD	up to 4 lb/MGD
	0.1 kg per 1,000 m ³ /day	0.5 kg per 1,000 m ³ /day
Start-Up	up to 15 lb/MGD	up to 30 lb/MGD
	1.75 kg per 1,000 m ³ /day	3.5 kg per 1,000 m ³ /day
Severe Upset	up to 25 lb/MGD	up to 50 lb/MGD
	3.0 kg per 1,000 m ³ /day	6.0 kg per 1,000 m ³ /day
Conditions	Ranges	Optimum
Dissolved Oxygen	0–0.5 ppm	0.5 ppm
pH	6.0–9.0	7.0
Temperature	50–104°F 10–40°C	95°F 35°C
Toxic Heavy Metals	Trace	None

CONTACT YOUR LOCAL HUMA[®] ENVIRONMENTAL REPRESENTATIVE FOR SPECIFIC USAGE RECOMMENDATIONS.

Shelf life: 2 years
when stored properly

25 lbs • 11.3 kg

Powered By



huma.us

SAFETY

KEEP OUT OF REACH OF CHILDREN

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.

PRODUCT CHARACTERISTICS:

A beige granular powder.

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 on this label 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.