

MICROCAT® - XR

hydrocarbon degrading bioformula for oil-water separators and industrial wastewater treatment plants

DESCRIPTION:

MICROCAT-XR is a specialty blend of preselected, adapted microorganisms for use in biological treatment plants receiving wastes containing difficult-to-degrade organic compounds from the chemical and related industries.

MICROCAT-XR contains a combination of aerobes and facultative anaerobes selected from nature for their ability to break down a broad range of natural and man-made organic compounds.

APPLICATION:

MICROCAT-XR is formulated for application in biological wastewater treating plants receiving industrial waste. These plants accept a wide range of organic chemicals, some of which are toxic and/or difficult to degrade. Such chemicals tend to pass through the system or cause system upsets resulting in poor effluent quality and increased operating costs.

MICROCAT-XR contains preselected, adapted microbial strains for enhanced biodegradation capability. When used on a preventive maintenance basis, this product can enhance the ongoing operations and improve overall system performance at reduced cost.

MICROCAT-XR is formulated specifically for use by the chemical, petroleum refining, primary metals, textile, pulp & paper and related industries, and for use in municipal plants receiving wastes produced by these industries.

APPLICATION PROGRAMS:

In general, **MICROCAT-XR** is applied directly to the aeration zone of the waste treatment plant on a preventive maintenance basis.

Application programs range from about 3.6 Kg per 1000 m³/day per day for upset recovery to one pound 0.12 Kg per 1000 m³/day per day for preventive maintenance.



OPTIMAL APPLICATION CONDITIONS:

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

	Range	Optimum
Dissolved Oxygen, ppm	0,5-2,5	2,0
pH	6-9	7
temperature °C	10-40 °C	35 °C
Toxic Heavy Metals, ppm	trace	none
Nutrients: BOi: NH ₃ -N BOi: PO ₄ -P	10 : 1 – 10 : 0.5 100 – 1 – 100 : 0.5	10 : 1 100 : 1

CHARACTERISTICS:

Appearance: Beige, granular powder

Contents: Specialized, preselected microorganisms

Packaging: 11,3 kg plastic pails
100 kg fiber drums

Shelf life: 2 year

STORAGE:

7 – 40 °C

Dry conditions.

DO NOT FREEZE

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.