

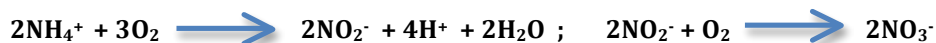


AMMONIA OXIDIZING BIOFORMULA FOR WASTEWATER TREATMENT PLANTS

DESCRIPTION

MICROCAT®-XNL/XNC is a liquid suspension of preselected, adapted nitrosomonas and nitrobacter microbial strains for use in biological wastewater treatment plants receiving wastes containing ammonia.

MICROCAT®-XNL/XNC produces oxidation of ammonium ions to nitrite and then to nitrate:



Under toxic and/or cold-weather conditions, the growth rate of natural nitrifying populations tends to slow appreciably, allowing ammonia to pass through the system. MICROCAT-XNL synergistically combines the capability of several natural ammonia-oxidizing microbial strains for reseeded nitrifying systems and enhancing performance under toxic, inhibitory or cold-weather conditions. When used on a preventive maintenance basis, MICROCAT-XNL can improve the consistency of ongoing nitrification and improve overall system performance.

MICROCAT®-XNL/XNC is specially formulated for use in:

- .- Wastewater treatment plants of heavy industry in general and others as the chemical, petrochemical, food, textiles and metallurgy.
- .- Wastewater treatment plants.

CHARACTERISTICS

APPEARANCE	Non-viscous, liquid suspension.
CONTENTS	Specialized, preselected microorganisms.
NOMINAL MICROBE COUNT	Formulated to contain >3x10 ³ /gram
SHELF LIFE	One Year.
PACKAGING XNL PACKAGING XNC	Plastic pails 19,06 kg. / Fiber drums 212 Kg. Plastic pails 9,53 Kg.

APPLICATION

MICROCAT®-XNL/XNC is metered directly to the aeration zone of the waste treatment plant on a preventive maintenance basis. Application programs range from 0,03 l/m³ to 1 l/m³. Your technical representative will provide you with a custom-tailored application program to fit the specific needs of your treatment process.

STORAGE AND HANDLING

STORAGE XNL STORAGE XNC	7 - 40 °C Dry conditions. <u>No freeze.</u> Storage refrigerated.
HANDLING	CAUTION Active enzymes present. Avoid inhalation of liquid mist. Avoid exposing skin to strong solution as irritation may result. If material contacts skin or eyes, flush thoroughly and repeatedly with water.

