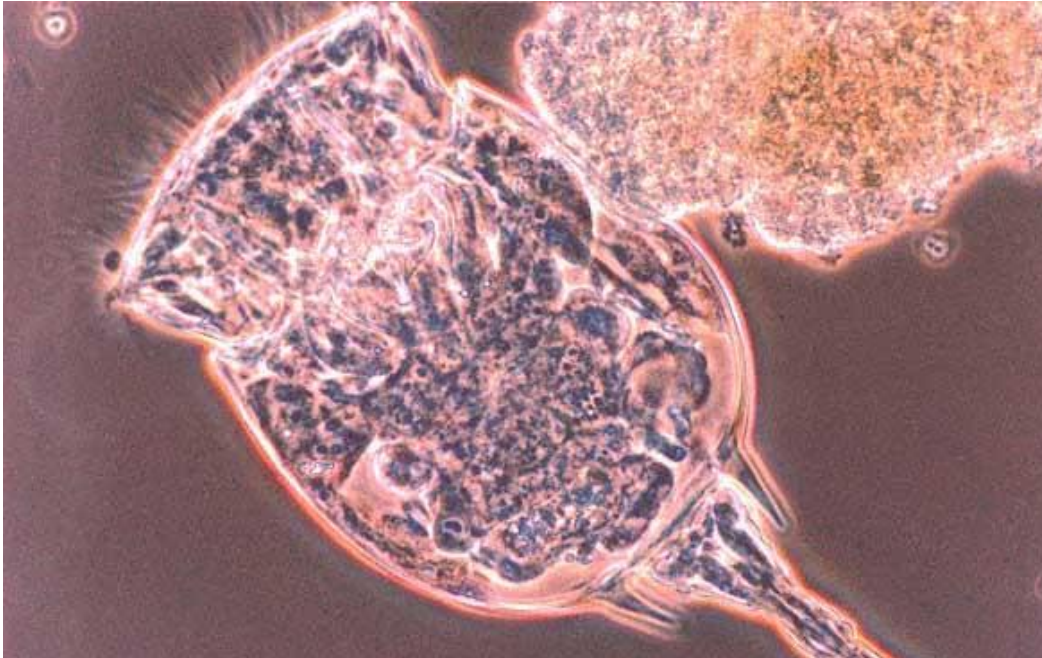


MICROCAT[®]-TM

Micronutrient Blend for Wastewater Biodegradation



Description

MICROCAT-TM is a specialty blend of micronutrients and microbial growth enhancers for use in stimulating biological activity in soils and wastewaters. **MICROCAT-TM** provides a unique, balanced blend of minerals and vitamins. It is formulated specifically for use with **MICROCAT** microbial inocula, buffering agents and surfactants to enhance the rate and consistency of biological processing of soils and contaminated waters.

Applications

Contaminated wastewater or soil that is deficient in minerals or vitamins may not provide the essential ingredients for optimum biodegradation of the contaminants. Industrial wastewaters and leached soils are especially prone to deficiency of one or more specific minerals or vitamins. Stimulation of microbial activity and enhancement of the treatment effectiveness after addition of **MICROCAT-TM** is a confirmation that such a deficiency is present.

Product Characteristics

Appearance	Tan powder
Contents	Calcium and magnesium carbonates, iron salts and organic nutrients
Shelf Life	Five Years
Packaging	Twenty-five pound (11.3 Kg) plastic pails/220 Lb (100 Kg) fiber drums

Application Programs

MICROCAT-TM is applied at the rate of 1 to 5 pounds per MGD of flow per day for wastewater. Add 0.5 pounds per cubic yard of soil for bioremediation applications. Specific application rates may be determined by treatability testing. Contact your Monera Technologies Corporation Technical Representative to prepare a detailed coordinated application program to fit your site remediation program.

Optimal Application Conditions

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

CONDITION	RANGE	OPTIMUM
pH	6 – 9	7
Temperature	10 – 40	35

If you are operating outside these ranges, contact your Monera Technologies Corporation Technical Representative for recommendations.

Storage and Handling

Storage	45° - 105° F (7° - 40° C) Dry conditions; DO NOT FREEZE.
Handling	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.

MICROCAT® is a registered trademark of Monera Technologies Corporation

The information contained in this data sheet is a guide to the use of MICROCAT products and is based on test and information believed to be reliable. Product content and specifications are subject to change without notice. All information is given to and accepted by user at user's risk and confirmation of its validity and suitability to particular cases should be obtained independently. Monera Technologies Corporation makes no guarantee of results and assumes no obligation or liability in connection with the information contained herein. Monera Technologies Corporation does not warrant against infringement of, and this data sheet is not to be construed as a license to operate under, any patents.