



Bioscience, Inc.

Environmental Products & Services

ISO 9001:2015 Certified

## MICROCAT<sup>®</sup>-SMAL

Liquid Biological Hard Surface Cleaner Concentrate  
For Fats, Oils and Greases



### Description

**MICROCAT-SMAL** is a concentrated liquid cleaning compound containing surfactants, microbes and enzymes. It is formulated to wet, lift and emulsify animal and vegetable fat, oil and grease (FOG) deposits on surfaces such as concrete, macadam, or in drain pipes, interior and exterior walls, and floors. **MICROCAT-SMAL** contains specialized naturally – occurring microbes in dormant foam. When activated by applying them to FOG, the microbes are capable of digesting and deodorizing the FOG deposits.

### Applications

**MICROCAT-SMAL** is formulated to liquefy, clear and clean spills and deposits of FOGs; to clear sumps, grease traps and plumbing lines; and to reduce clean-up time and cost. The diluted product is applied directly to the spill to loosen and penetrate it, and then the activated microbes initiate biodegradation of the loosened compounds. **MICROCAT-SMAL** is ideal for control of odor generating areas of chronic spillage such as in or near dumpsters, trash cans, garage or basement floors, behind restaurants, kitchen floors, back alleys, drains, sewers, and in food processing plants.

## Product Characteristics

Appearance	Blue Liquid Emulsion
Contents	Surfactants, Buffers, Enzymes, Cleaners, Nutrients and Naturally-occurring, preselected, adapted microorganisms
Shelf Life	One Year; Use promptly after dilution
Packaging	1 Gal bottle (8.4 lb /3.82 kg) / 4 per case; 5 gal (42 lb /19.06 kg) plastic pail; 55 gal drum (465 lb / 211.36 kg)

## Application Programs

**MICROCAT-SMAL** is prepared by adding water to dilute it 10:1 and applying the diluted product directly to the area to be cleaned. For cleaning concrete surfaces, apply 1 diluted gallon (3.87 L) of **MICROCAT-SMAL** per 500 square feet (46.45 square meters) surface area. For kitchen sump treatment, add ½ gallon (1.89 L) **MICROCAT-SMAL** per 10 cubic feet (0.28 cubic meters) sump. Try the product on a small section of the spill and adjust the dilution amount to get the desired results. Your Bioscience, Inc. Technical Representative will provide you with a custom-tailored program to fit the specific needs of your application. **NOTE:** Avoid runoff of wash down water directly to surface streams or to water impoundments.

## Optimal Application Conditions

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

CONDITION	RANGE	OPTIMUM
pH	6 - 9	7
Temperature, ° C	10 - 40	35

If you are operating outside these ranges, contact your Bioscience, Inc. Technical Representative for recommendations.

## Storage and Handling

Storage	45° - 105° F (7° - 40° C) Dry conditions; DO NOT FREEZE.
Handling	CAUTION: Active enzymes present. Avoid inhalation of liquid mists. Avoid exposing skin to undiluted solution as irritation may result. If material contacts skin or eyes, flush thoroughly and repeatedly with water.

**MICROCAT®** is a registered trademark of Bioscience, Inc.

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. Bioscience, Inc. makes no guarantee of results and assumes no obligation or liability in connection with the information contained herein. Bioscience, Inc. does not warrant against infringement of, and this data sheet is not to be construed as a license to operate under, any patents.