



Bioscience, Inc.

Environmental Products & Services

ISO 9001:2015 Certified

MICROCAT[®]-SMPL

Liquid Biological Hard Surface Cleaner Concentrate



Description

MICROCAT-SMPL is a concentrated liquid cleaning compound containing microbes, cleaners and enzymes. It is formulated to wet, lift and emulsify hydrocarbon deposits and spills on hard surfaces such as concrete or drain pipe interior walls or in soils. When applied according to instructions, the microbes in the product are activated to digest the loosened hydrocarbon deposits.

Applications

MICROCAT-SMPL is formulated to lift, emulsify, clear and clean localized oil and other hydrocarbon spills. It is effective for clearing sumps and plumbing lines while reducing cleanup time and cost. The product is applied directly to the spill to loosen it, and the activated microbes initiate biodegradation of the spilled compounds. **MICROCAT-SMPL** is ideal for areas of chronic oil spillage such as garage floors, toll booths, factory floors, repair shops, metal working sumps, fuel delivery stations, oil drilling platforms, construction sites, petroleum refining and chemical production operations, etc.

Product Characteristics

Appearance	Translucent blue-green liquid
Contents	Surfactants, Buffers, Nutrients, Enzymes, Cleaners and Naturally-occurring Preselected, Adapted Microorganisms
Shelf Life	1.5 Years when stored properly; Use promptly after dilution
Packaging	1 Gal Bottle (8.40 Lb/3.82 Kg)/ 4 per case; 5 Gal (42 Lb/19.06 Kg) plastic pail; 55 Gal (465 Lb/211.36 Kg) Plastic Drum

Application Programs

In general, **MICROCAT-SMPL** is prepared by adding water (dilution 10:1) and applying the product directly to the area to be cleaned. For cleaning oily concrete surfaces, apply 1 diluted gallon (3.78 L) of **MICROCAT-SMPL** per 500 square feet (46.45 square meters) surface area. For garage sump treatment, add 1/2 gallon (1.89 L) **MICROCAT-SMPL** per 10 cubic feet (0.28 cubic meters) sump. Try the product on a small section of the spill and adjust the concentration for your application. 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 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: Avoid inhalation of liquid mist. Avoid exposing skin to undiluted solution as irritation may result. If material contacts skin or eyes, flush thoroughly and repeatedly with water.

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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.