



Bioscience, Inc.

Environmental Products & Services

ISO 9001:2015 Certified

MICROCAT[®]-SH/SL

Biodegradable Wetting Agents for Bioremediation Programs



Description

MICROCAT-SH/SL is a unique series of biodegradable wetting and solubilizing agents specifically formulated for bioremediation programs. Each product in the series is a blend of biodegradable surfactants in easy-to-use liquid form. Scientific tests and full-scale applications have verified their effectiveness and safety. The **MICROCAT-SH/SL** series has been carefully screened and represents no hazard to plants, humans or animals when used properly.

Applications

The **MICROCAT-SH/SL** series is specifically formulated for use in soil cleanup and sludge processing operations. Each product is effective for accelerating biological removal of oily substances in soil or sludge. These relatively insoluble contaminants arise in chemical plants, oil refineries, oil drilling sites, spill sites and disposal facilities. **MICROCAT-SH** is formulated for heavier asphaltic oils while **MICROCAT-SL** is blended for lighter hydrocarbons. Each product is available as a concentrated viscous liquid.

Product Characteristics

Appearance	Clear to yellowish viscous liquid
Contents	Biodegradable surface active agents
Shelf Life	Five Years
Packaging	5 Gal (18.9 L/42 Lb) plastic pails / 55 Gal (208.2 L/465 Lb) drums

Application Programs

In general, **MICROCAT-SH/SL** are diluted and sprayed over the soil or sludge to be remediated. The source and nature of oily or insoluble contamination will be carefully analyzed by your Bioscience, Inc. Technical Representative and a custom-tailored application program developed to fit your specific needs.

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 your system is operating outside these ranges, contact your Bioscience, Inc. Technical Representative for a complete system survey and recommendations.

Storage and Handling

Storage	Dry conditions; DO NOT FREEZE.
Handling	CAUTION Avoid ingestion. If ingested, induce vomiting and seek the advice of a physician. These products are safe for use in the presence of plants, humans or animals. 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.