



Bioscience, Inc.

Environmental Products & Services

ISO 9001:2008 Certified

MICROCAT[®]-XRCP

High Capacity Oil Spill Absorber and Degradator



Description

MICROCAT-XRCP is a synergistic blend of two types of specialized oil absorbers along with naturally-occurring preselected, adapted microorganisms and nutrients. It is specifically formulated for use on spillage of fuels, oils and other forms of contamination by petroleum hydrocarbons and related wastes. It is effective on crude petroleum, gasoline, diesel fuel, machining oils, hydraulic fluids, solvents, monomers and other petroleum derivatives. (Also see MICROCAT-SK and XRC data sheets.)

Applications

MICROCAT-XRCP is applied directly to the spill to contain and then degrade the absorbed oils. When used on oily and chemical mixtures it cleans up your spill at nominal cost. **MICROCAT-XRCP** can absorb and break down a broad range of wastes from petroleum recovery, transportation, storage, and refining, steel making, metal forming, textile, hydrocarbon and chemical processing.

Product Characteristics

Appearance	Grayish-brown powder
Contents	Selected adsorbents and naturally-occurring microorganisms
Shelf Life	Two Years
Packaging	10 Lb (4.55 Kg) or 25 Lb (11.3 Kg) plastic pails; 220 Lb (100 Kg) fiber drums

Application Programs

In general, **MICROCAT-XRCP** is applied directly to the spillage in adequate amounts to absorb and contain the spill. Try the product on a small portion of the spilled material to determine the appropriate application rate. Your Bioscience, Inc. Technical Representative will provide you with a custom-tailored application to fit your cleanup program.

NOTE: Consult local, state and/or federal laws for proper disposal of adsorbed oil. It is the user's responsibility to determine if adsorbed material is hazardous. **MICROCAT-XRCP** contains no hazardous materials and presents no environmental hazards when used as directed.

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
Toxic Heavy Metals, ppm	Trace	None

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

Oil Absorption Comparison

Product	Bulk Density (g/L)	Diesel Fuel Absorbed per kg	Diesel Fuel Absorbed per liter
MICROCAT-SK	1300	1180	1534
MICROCAT-XRC	2700	420	1134
MICROCAT -XRCP	2500	640	1600

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 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.