

BIOLOGICAL PRODUCT HELPS CLEAN UP OIL PATCH

BETHLEHEM, PA (April 8, 2004) – A new biological product from Bioscience, Inc., is helping to clean contaminated soil around oil rigs and in related formation water holding ponds. Called MICROCAT® -BKB Hydrocarbon Degradar, it is a mixture of microorganisms selected for their ability to degrade hydrocarbons under both aerated and oxygen-poor conditions where sulfur-bearing compounds are expected to be present.

It is now being used for “biofarming” of oil-contaminated ground, especially the bottoms of holding ponds that once contained oily wastewater. In biofarming, one of the least costly clean-up methods, the soil is tilled to provide aeration, then sprayed with a biodegradable dispersant (MICROCAT-BKA) and with BKB to digest the oil to form water, carbon dioxide and cell protein. The bacteria are usually applied in conjunction with nutrients, a pH control agent and biodegradable surfactants to create optimum growth conditions and make the oil residues more available to the water-based microbes. Reduction of oil contamination to levels acceptable by state and federal agencies can be accomplished in a period of months.

The new Bioscience product is an outgrowth of formulations used for many years to reclaim soil around petroleum storage tanks. It can also be used to clean up spills of crude oil, gasoline, diesel fuel, machining oils, hydraulic fluids, solvents, monomers and other petroleum derivatives, including chlorinated organics.

Further information on MICROCAT-BK A and B and an overview of bioremediation in the petroleum industry are available from Bioscience, Inc., 1550 Valley Center Parkway, Suite 140, Bethlehem, PA 18017, 610-974-9693, Fax 610-691-2170, e-mail bioscience@bioscienceinc.com or visit our website at www.bioscienceinc.com.