



TECHNICAL DATA

OSNF#1™

BIOLOGICAL STIMULANT

The technical staff of Micro-Bac International, Inc.® can provide dosage recommendations based on the design and volumes of the project site. For example one container of OSNF#1™ nutrient is generally used with 50 cubic yards of contaminated soil.

General Description

OSNF#1™ is a proprietary blend of vitamins, minerals and organic nutrients used to stimulate microbial activity in product applications for Micro-Bac International, Inc.® biological products where indigenous nutrients are insufficient to support optimal microbial activity. Such applications include bioremediation of contaminated soil and water. OSNF#1™ may also be used in the remediation of oligotrophic waters and tank bottoms. By lowering the carbon/nitrogen ratio, biodegradation is enhanced and mineralization is promoted. OSNF#1™ is supplied in an easy-to-use granulated form. It is designed to be used in conjunction with Micro-Bac International, Inc.® products such as M-1000H*™.

Product Formula

OSNF#1™ contains all the major and minor mineral compounds as well as defined vitamins required by the specific microorganisms used in the Micro-Bac International, Inc.® products. It supports maximal activity of these microorganisms under both aerobic and anaerobic conditions.

Product Specifications

Color	gray to tan granules
pH	NA
Odor	mild
Specific Gravity	>1.5
Solubility	> 16 lbs per 100 gal with some insoluble residue

Application

OSNF#1™ is generally dissolved in water at a rate of 1 container per 55 gallons. It is generally applied with or after microbial treatments.

Handling & Safety

OSNF#1™ is a natural product that meets EPA requirements for release into the environment. Special clothing and equipment are not required for handling OSNF#1™ although contact by inhalation or touch should be avoided and the use of gloves and a dust respirator is suggested. Routine hygiene should be observed.

Shipping

OSNF#1™ is shipped in an 8 lbs packet in a one gallon wide mouth container, F.O.B. Round Rock, Texas.

Services

When the use of OSNF#1™ is indicated through testing, Micro-Bac International, Inc.® provides technical support and treatment design to its customers.

Dosage