

OFM-500™

BIO-REMEDIAL LIQUID TREATMENT FOR OIL FIELD MAINTENANCE

INFORMATION

OFM-500™ was developed to meet the demanding needs of the "oil-drilling" industry. It has been **specifically formulated to treat and clean crude oil and its by-products on hard surfaces, soils, gravel, pits, machinery and oil rigs.** The highly effective cleaners & degreasers developed for this product **effectively break-down all known components of the crude oil.** Further, **the bioremedial "action" of the harmless micro-organisms, turn the harmful components into safe, environmentally friendly substances that can be absorbed into the soil or discharged into drainage systems.** This product **contains no solvents and is non-flammable.** It is **non-hazardous, non-corrosive & non-caustic.** It is manufactured under strict quality control standards making it **one of the safest cleaning products on the market for both you and the environment.** We recommend that **OFM-500™** be used as a major part of a routine maintenance program in all phases of the drilling process and oil field production operations.

USES & APPLICATIONS

While OFM-500 can be used in all phases of oil field production operations, the following is a partial list of the many beneficial uses and applications:

- Production Fluid Overflows
- Tank Battery Build-up
- Pipping Discharges
- Land Sites
- Wellhead Area
- Machine Shops
- Pipeline Breaks
- Work Surface Spills
- Hydraulic Line Breaks
- Equipment Failures
- Farming Sites
- Vehicle Maintenance
- Railways
- Surface Pit Closures
- Flowline Breaks
- Lubrication Leaks
- Compressor Stations
- Vehicle Parking Areas
- Pumping Stations
- Oil Leaks/Spills
- Airplane Hangers

OFM-500 can be used to remediate all petroleum hydrocarbons. *The following is only a partial list of the most common contaminant's:*

COMMON LUBE & HYDRAULIC OILS

- 9250 L06 LUBE OIL DIESEL - MIL-L-9000H LUBE OIL
- 2190 TEP LTL LUBE OIL - MIL-L-17331H LUBE OIL STEAM TURBINE
- ANSI/SAE J1899-95
- MIL-H-5606- HYDRAULIC FLUID, SYNTHETIC
- MIL-L-23699- AIRCRAFT GAS TURBINE SYNTHETIC LUBRICANT
- MIL-H-17672D-HYDRAULIC FLUID PETROLEUM
- MIL-H-19457D-HYDRAULIC FLUID, FIRE RESISTANT
- TRANSMISSION FLUID
- MINERAL OIL
- MOTOR OIL AUTOMOTIVE
- TRANSFORMER OIL
- PARAFFIN

DIRECTIONS & PROPERTIES

OFM-500™ is an active mixture of hydrocarbon-oxidizing, naturally occurring, single-celled micro-organisms with a bio-surface cleaning agent. *The following suggested directions are a general guideline to the use of the product:*

GENERAL CLEANING:

1. Dilute 1 part OFM-500 with 15 to 30 parts water depending on the intensity of the application. For example, 1 gallon of OFM-500 makes 15 to 30 gallons of diluted product that is ready for use. A water temperature between 80° - 90° F. is the optimum temperature for use with this product but, it will perform very well in any water temperature between 40° - 120° F. Apply using a pressure or industrial pump sprayer or manually from a drum or pail. When spraying use sufficient pressure to break the surface tension. If pressure is not used, manually agitate and aerate OFM-500 on the surface being treated. In other words, use a stiff broom or brush on rocks, soil, gravel, grass and trees if it is inconvenient to use a sprayer. You must mix this product, as described above, in order for both the cleaning effect and the bioremedial process to take place.

PHYSICAL PROPERTIES:

Appearance: Brown Liquid Odor: Orange Citrus Boiling Point: 212° Soluble in Water: Complete pH Concentrate: 6.9 to 7.2 pH Diluted: 6.9 to 7.5
Evaporation Rate: Same as Water

PRODUCT EFFECTIVENESS: The effectiveness of this product and the "speed" at which it works is determined by certain factors the absorption action of this products begins immediately. The bioremedial process will begin with the introduction of water. The duration will depend on many factors. *In general these factors are as follows:*

TEMPERATURE: The warmer the temperature, the faster this product will work.

AGE OF THE STAIN OR SPILL: The older the stain or spill, the longer it takes to work.

TYPE OF HYDROCARBON: Some hydrocarbons take longer than others.

PACKAGING: 25 lb. plastic pails, 10 lb. plastic jugs (4 per case) and bulk packaging available, please call for details and additional options.

A partial listing of additional bioremedial products available through Environmental Solution, Inc.:

- Bioremedial Absorbent
- Light & Heavy Duty Multi-Use Cleaner/Degreaser
- Bio-Based Solvent Replacements
- Soil & Water Remediation
- Food Processing Plants
- Bioremedial Parts Washer
- Floating Absorbent
- Oil Water Separators
- Oil & Petroleum Processing, On/Off shore
- Large Sea Vessels/Pleasure Boats

FOR ADDITIONAL INFORMATION OR TO PLACE AN ORDER, PLEASE CONTACT ENVIRONMENTAL SOLUTION, INC.

Bioremedial Cleaning Products for a Cleaner, Greener Planet.

Environmental Solution, Inc.



Environmental Solution, Inc. is a distributor of bioremedial cleaning products that eliminate spills, contamination and environmental hazards utilizing eco-friendly solutions manufactured by EnviroLogic, Inc.

For more information contact: John Papparone @ john@totalbiosolution.com
phone: 919-740-0546 or visit the website @ www.totalbiosolution.com