

OWS-200™ CONCENTRATED MICROBIAL-ENZYMATIC HYDROCARBON REMEDIATION AGENT for OIL-WATER SEPARATORS

INFORMATION

OWS-200™ is a liquid blend of naturally occurring micro-organisms chosen for their ability to metabolize hydrocarbons in oil-water separators. With an increase in compliance with environmental agencies that have introduced new regulations resulting in a heavy burden both financially and operationally on commercial businesses that have oil-water separators or interceptors, OWS-200 provides eco-friendly, cost effective and long-term cleaning solutions. Adherence to MARPOL that is continually enforcing tougher guidelines and compliancy regulations, makes OWS-200 an easy solution. OWS-200 has the ability to significantly reduce hydrocarbon contamination in separators, reducing the high cost of disposal and transportation. The added cleaning and degreasing bio-surface agent will help to keep your facility clean and safe for all personnel.

When used in a routine maintenance program, OWS-200 will eliminate hydrocarbon build-up, eliminating the need to pump the Oily Waste Tank and clean the Oily Water Separator. The continual use of this product will result in the need for lower levels of concentration of OWS-200 to maintain consistent expectations and therefore increased cost savings.

USES & APPLICATIONS

OWS-200 can be used to remediate all petroleum hydrocarbons. It is specially formulated to be safe, environmentally enhancing and effective. The following is only a partial list of common contaminant's:

- DIESEL FUEL
- ORGANIC PESTICIDES
- NAPHTHALENE
- AROMATICS
- BENZENE
- XYLENE
- KEROSENE
- MINERAL SPIRITS
- HEATING OIL
- ORGANIC HERBICIDES
- CRUDE OIL
- ETHYLBENZENE
- PARAFFIN
- ORGANIC SOLVENTS
- ALCOHOL
- MOTOR OIL
- GASOLINE
- TRANSMISSION FLUID
- TOLUENE
- JET FUEL
- PETROCHEMICALS

Our products are environmentally sound and dedicated to the cleaning and remediation of potentially harmful contaminant's. While each product has specific applications and uses, they all share the unique ability to transform hazardous compounds into safe and disposable carbon dioxide (CO₂) and water. The process of bioremediation is listed as one of the US Environmental Protection Agency's (EPA) innovative technologies and can be accomplished in-place (In Situ) thereby eliminating the hazard and costs of "off-site" contamination. Bioremediation is a cost effective way to eliminate harmful contaminants to our environment.

We have the most extensive line of products available to solve your hydrocarbon contamination problems from the past and to prevent those problems in the future.

DIRECTIONS & PROPERTIES

OWS-200 is an active mixture of hydrocarbon-oxidizing, naturally occurring, single-celled micro-organism with a "bio-surface cleaning agent" and water. It is helpful to "pump" the separator prior to using OWS-200. The following suggested directions are a general guideline to the use of the product:

GENERAL CLEANING:

1. Add 5 gallons of OWS-200 to the "oil holding area" of your equipment. This will "jumpstart" the remedial process;
2. For X days, add approximately 32 oz. of OWS-200 daily either manually or with a metered chemical pump to "oil holding area"
3. For optimum results, the product should be added when the slowest flow rate occurs. Ultimately you will be able to see a decrease of oil accumulation on the side and surface of holding tanks, in addition to observing the degradation of hydrocarbon accumulation in all types of bodies of water.

PHYSICAL PROPERTIES:

Appearance: Pale Yellow Liquid Odor: Orange Citrus Boiling Point: 212° F. 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. In general these factors are as follows:

TEMPERATURE: The warmer the temperature, the faster this product will work. (Range 42° F. to 120° F.) Do not exceed 120° F.

AERATION & PRESSURE: The use of an industrial sprayer or pressure washer speeds the process.

TYPE OF HYDROCARBON: Some hydrocarbons take longer than others.

PACKAGING: 5 gallon "Cubitainers", 2 1/2 gallon "F Style Jugs" (2 per Case), 1 Gallon "F Style Jugs" (4 per Case), 55 Gallon Drums tote containers. Bulk packaging available, please call for details and additional options.

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

- Bioremedial Absorbents
- Light & Heavy Duty Multi-Use Cleaner/Degreaser
- Bio Based Solvent Replacements
- Soil & Water Remediation
- Food Processing Plants
- Bioremedial Parts Washer
- Floating Absorbent
- Oil & Petroleum Processing, On/Off shore
- Pharmaceutical Grade Absorbent
- Biological Wastewater Booster Kit
- Bilge, Engine Room and Galley Degreaser
- Floating Absorbent
- Site Specific Absorbent

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 Paparone @ john@esoinc.net phone: 919-740-0546 or visit the website @ www.esoinc.net