

# BioRem-2000

8008-005,8008-015, 8008-055

## BioRem-2000 Surface Cleaner™

### Description

- ◆ Ground-breaking Microbe Technology remediates hydrocarbons into water and carbon dioxide.
- ◆ Eliminates 100% of disposal costs.
- ◆ Replaces granular absorbents, socks, pads and caustic degreasers.
- ◆ Easily applied with mops, auto floor scrubbers and degreasing equipment.
- ◆ Excellent rinseability, dries quickly and removes all oily, slick film leaving a non-slip surface.
- ◆ NSF-approved A-1, A-4 class; biodegradable with a pH of 7.
- ◆ Safe to use on any water-safe surface, including metal, concrete, plastic and rubber.
- ◆ Disposable in waste sewer drains whether or not facilities are private or public municipal pre-treatment plants.
- ◆ Listed on the EPA's National Contingency Plan ("NCP") as a bioremediation agent.
- ◆ Non-toxic, non-pathogenic and is completely harmless to human, plant, animal and marine life.
- ◆ Compatible with oil/water separators, skimming units, evaporators, polymers and more.

### Technology

Bioremediation is the application of biological microbes for the clean-up of hazardous oil spills resulting in a safe, efficient and cost-effective solution. Bioremediation uses microbes, enzymes, oxygen and other nutrients to chemically transform oil into carbon dioxide and water. BioRem-2000 Surface Cleaner™ increases the surface area of the oil while the enzymes break down the contaminants into smaller molecules. The enzymes then attract the microbes and consume the oil leaving only water and carbon dioxide as by-products. Once the reaction is complete, the enzymes break free to attach to another hydrocarbon source in order to repeat the same reaction.

### Technical Information

Usage	Dilution Ratio	Concentrate
Physical Properties	Appearance	Liquid
	Color	Amber
	Fragrance	None
	pH	7
	Phosphate Content	None
	Shelf Life	Minimum 3 Year

### Usage Guide

**Mopping:** Fill the container with properly-diluted product. For best results, with oily floors or visible oil, allow the solution to remain on the surface for about 30 seconds before mopping. Liberally apply to floor with a wet mop, dip mop again into bucket and agitate solution into surface. If the grease and oil is thick, use a deck brush to scrub the solution into the surface before mopping.

**Auto Floor Scrubber:** Fill scrubber with properly-diluted product. Start with a 1:25 dilution rate and adjust after testing. For best results, employ the double-scrub method. For the first auto floor scrubber pass, do not lower the squeegee. Spray solution while scrubbing. For the second pass, spray solution, scrub and lower squeegee for soiled water removal.

**Degreasing:** Fill container with properly-diluted product. The dilution rate may be determined if the operator will be using rags to clean (stronger), scrub brush (medium) or rinsing with a power washer (weaker). When cleaning heavy oil/grease deposits, allow product to soak for 1-2 minutes before removing. Heavy deposits of synthetic grease may require additional dwell time.

**Oil/Water Separators ("OWS"):** BioRem-2000 Surface Cleaner™ improves OWS operations and reduces costs and compliance issues. Facilities using BioRem-2000 Surface Cleaner™ have eliminated waste water violations and have reported reducing their sludge petroleum content by more than 80 percent.

