

BioRem 2000TM SURFACE CLEANER



**MICROBE TECHNOLOGY
AT WORK**



USES & APPLICATIONS

Mopping:

- ◆ **Powerful** - Performs better than “degreasers” which emulsify and redeposit the oil.
- ◆ **Effective** - Dries quickly and increases traction eliminating slippery floors.
- ◆ **Superior** - Cleans mop buckets and mop heads extending life and performance.
- ◆ **Economical** - Dilute 9 ounces (1:15) 21 ounces (1:5) per gallon of water.

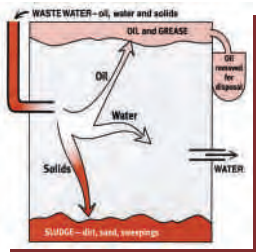


Auto Floor Scrubber:

- ◆ **Powerful** - Performs better than “degreasers” which emulsify and redeposit oil.
- ◆ **Effective** - Leaves oily, slippery floors clean, dry and residue free.
- ◆ **Superior** - Cleans scrubbers brushes/pads, tanks, hoses and squeegees increasing performance.
- ◆ **Economical** - Dilute 3 ounces (1:40) - 6 ounces (1:20) per gallon of water.

Degreasing:

- ◆ **Powerful** - Performs better than “degreasers which emulsify and redeposit oil.
- ◆ **Effective** - Leaves oily surfaces clean, dry and residue-free.
- ◆ **Economical** - Dilute 2.5 ounces (1:50) per gallon of water to full strength or pre-soak and rinse.
- ◆ **Safe** - On any water-safe surface (plastic, rubber, painted and metal).



Oil/Water Separators (“OWS”):

- ◆ **Powerful** - Reduces the frequency of pumping.
- ◆ **Effective** - Decreases sludge buildup and eliminates odors.
- ◆ **Versatile** - Dissolves the suspended or emulsified oils in the water.
- ◆ **Safe** - Reduces violations.

Hydrocarbon Degrade Chart

Crude Oil	Aviation Fuels	Diesel
Gasoline	Synthetic Oils	Methanol
BTEX	ATF/Brake Fluid	Solvents
Ethanol	Glycols/Anti-Freeze	Naphtha
Kerosene	Lubricating Oil	Motor Oil
Heating Oil	Hydraulic Fluids	Grease/Tar
Skydrol	Food-Grade Oil	Cutting Fluids

Dilution Chart

Applications & Ratios	Heavy Duty	Medium Duty	Light Duty
Floor Scrubber	1:20	1:30	1:40
Mopping	1:5	1:10	1:15
Degreasing	1:2	1:4	1:8

Available in 5, 15, 55, 275 gal. sizes

For pricing contact Lynn Brooker at 704-361-9429.

BioRem-2000 Surface Cleaner™ is on the U.S. Environmental Protection Agency's NCP Product Schedule. This listing does NOT mean that EPA approves, recommends, licenses, certifies, or authorizes the use of BioRem-2000 Surface Cleaner™ on an oil discharge. This listing means only that data have been submitted to EPA as required by subpart J of the National Contingency Plan, Sec. 300.915.

BENEFITS

- ◆ **Powerful** - Microbe Technology remediates hydrocarbons into water and carbon dioxide.
- ◆ **Effective** - Eliminates 100% of disposal costs.
- ◆ **Superior** - Replaces granular absorbents, socks, pads and caustic degreasers.
- ◆ **Versatile** - Easily applied with mops, auto floor scrubbers and degreasing equipment.
- ◆ **Fast** - Removes all oily, slick film leaving a non-slip surface prevents slip-and-fall accidents.
- ◆ **Advanced** - Safe to use on any water-safe surface, including metal, concrete, plastic and rubber.



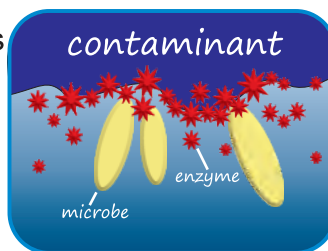
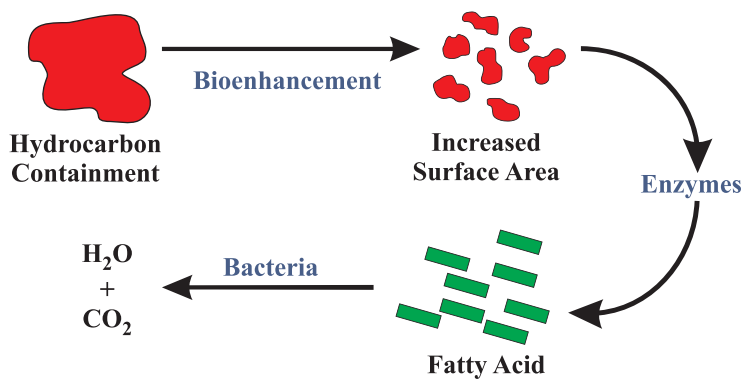
Safe for Auto, Air and Water Craft Surfaces. Will Not Damage Clear Coat.

- ◆ **Economical** - Disposable in waste sewer drains, reduces discharge figures and is compatible with skimming, evaporators and polymers systems.
- ◆ **Safe** - Non-hazardous, NSF-approved (A-1, A-4), neutral pH and low toxicity to plant, animal and marine life.
- ◆ **Recognized** - by the EPA's DfE Program as a chemical product which is safer for the people and the environment without sacrificing quality or performance, as well as being listed on the U.S. EPA National Contingency Plan ("NCP") Product Schedule.



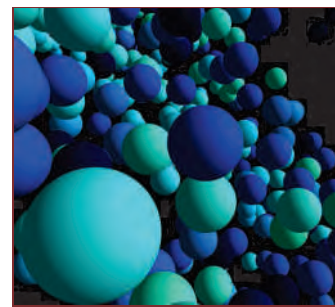
BIOREMEDIATION TECHNOLOGY

- ◆ Bioremediation uses microbes, enzymes and oxygen to biologically transform hydrocarbons into non-toxic substances carbon dioxide and water.
- ◆ It increases the surface area of the oil while the enzymes break down the contaminants into smaller molecules.
- ◆ The enzymes then attract the microbes which use oxygen to oxidize part of the carbon in oil to carbon dioxide.
- ◆ The rest of the carbon is used to produce new cells and the oxygen gets reduced, producing water.
- ◆ Once the reaction is complete, the enzymes and microbes break free to attach to another hydrocarbon source in order to repeat the same reaction.



NANO TECHNOLOGY

- ◆ **Safe** - Dissolves and removes a variety of soils from any surface without using chemicals by breaking down greasy and non-greasy soils.
- ◆ **Effective** - It traps and absorbs the soil to prevent re-depositing of soil back onto the cleaning surface for a longer lasting clean.
- ◆ **Powerful** - Cleaning particles are so small they can forcefully penetrate the molecules of daunting soils and stains for quick and easy removal.



Parts Washing Solutions

BioRem-2000 Parts Cleaner- Liquid™ *For Carbon Steel - Available in 15-gal. or 55-gal.

A powerful, concentrated water-based bioremediating parts' cleaner with superior cleaning capabilities which eliminates waste disposal costs, as well as health and safety risks. Effectively degrades gasoline (BTEX), diesel, motor oils, fuel oils, grease, anti-freeze, hydraulic, brake, ATF, cutting fluids, as well as animal and vegetable oils and heavy synthetic oils and greases. Contains corrosion inhibitors to prevent flash rusting.



- ◆ **Powerful** - Microbe-powered concentrated water-based formula with superior cleaning capabilities.
- ◆ **Effective** - Consistent performance with quick breakdown and removal of oils and greases.
- ◆ **Versatile** - Safe to use on all washable surfaces, including metal, rubber, plastic and painted surfaces.
- ◆ **Safe** - No VOC's, pH neutral, caustic and solvent-free, non-flammable and non-hazardous.
- ◆ **Economical** - Dilute 20:1 (6.4 ounces per gallon) with water.

***Also available for aluminum and copper metals**

BioRem-2000 Parts Cleaner - Powder™ Available in 5-gal. to 55-gal.

A powerful, concentrated bio-remediating parts' cleaner with superior cleaning capabilities which eliminates waste disposal costs, as well as health and safety risks. Effectively degrades gasoline (BTEX), diesel, motor oils, fuel oils, greases, antifreeze, hydraulic fluid, brake fluid, ATF, cutting fluids, as well as animal and vegetable oils and heavy synthetic oils and greases. Contains corrosion inhibitors to prevent flash rusting.



- ◆ **Powerful** - Microbe-powered concentrated formula with superior cleaning capabilities.
- ◆ **Effective** - Consistent performance with quick breakdown and removal of oils and greases.
- ◆ **Economical** - Dilute 16 ounces (1 pound) per every 5 gallons of water.
- ◆ **Versatile** - Designed for use in any automated spray cabinet.
- ◆ **Safe** - No VOC's, pH neutral, caustic and solvent-free, non-flammable and non-hazardous.

Oil Vanisher Ultimate Stain Remover™

- ◆ **Powerful** - Microbe-powered oil stain remover.
- ◆ **Effective** - Quickly removes stains regardless of age.
- ◆ **Versatile** - Removes stains from concrete, asphalt, pavers and more.
- ◆ **Safe** - Bio-based using only 100% all-natural ingredients.



How to Apply?

Concrete and Pavers: Add product to the stained area. Then apply half the amount of water to the stained area. Use a brush to agitate the stained area for 1 to 2 minutes. Make sure the solution does not dry. If necessary, add more product and water. Rinse the area completely with clean, high-pressure water. If necessary, repeat the application. The product may take longer to remove stains in cooler temperatures.

Asphalt: Use the above directions however only agitate the stained area for 30 seconds. A long dwell time is NOT RECOMMENDED because of the oil content in asphalt.

