

TECHNICAL INFORMATION SHEET: BioRem Surface Cleaner

General Description

- Ground-breaking Microbe Technology remediates hydrocarbons into water and carbon dioxide. Eliminates 100% of disposal costs.
- Safe to use on any water-safe surface, including metal, concrete, plastic and rubber.
- Non-toxic, non-pathogenic and is completely harmless to human, plant, animal and marine life. NSF-approved A-1, A-4 class.
- Renders flammable liquids, such as gasoline, diesel and jet fuel, non-flammable.
- Eliminates granular absorbents, socks, pads and caustic degreasers.
- Excellent rinseability, dries quickly and removes oily, slick film leaving a non-slip surface.

Technology Profile

Bioremediation is the application of biological microbes for the cleanup 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

Dilution	Ready to Use	
Physical Properties	Appearance	Liquid
	Color	Amber
	Fragrance	None
	pH	7
	Shelf Life	1 Year
Packaging	19L Carboy, 3.6L Gallon	

Advantages

BioRem-2000 Surface Cleaner™ has a pH of 7 and does not have any odor or contain any corrosives or butyls. It prevents slip-and-fall accidents, which are 30% of all workplace accidents, by removing the oily film and leaving surfaces dry and oil-free. BioRem-2000 Surface Cleaner™ significantly reduces the ability of flammable hydrocarbons to ignite, eliminating the VOC's which are inerted on contact.

Directions

Do not dilute or mix with other chemicals. For hard surfaces/floors: spray generously onto surface and leave the product for a minute and clean up with a cotton cloth, mop or squeegee. For heavy oils/grease: allow product to dwell longer and agitate surface by scrubbing with a stiff nylon brush before cleaning up. For fuels: spray generously over the spilled area and allow to dwell for at least two minutes before mopping up or power washing.

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