

BIOLOGIK

NATURALLY SUSTAINABLE

ADVANCED BIOLOGICAL LIQUID FORMULATIONS



FLOOR & HARD SURFACE CLEANER

A unique liquid concentrate combining innovative chemistry and application specific bacteria to offer an effective way of cleaning a wide variety of interior & exterior surfaces

BIOLOGIK FS- FLOOR & HARD SURFACE CLEANER

Overview

BIOLOGIK FS – Floor & Hard Surface Cleaner is an advanced, biologically-based cleaner. This unique formulation combines our cutting edge chemistry and application-specific *Bacillus* bacteria to offer an innovative way of cleaning a wide variety of floor surfaces.

Continued use of BIOLOGIK FS Cleaner in residential, institutional and industrial exterior cleaning applications provides a safe and efficient way of maintaining clean surfaces.

Applications

- All types of floors & hard surfaces that are not damaged by water
- Concrete, stone & brick surfaces
- Removal of discoloration caused by algae and lichens
- Painted & coated aluminium & steel e.g. Exterior building cladding
- Fat & Grease Traps
- Extractor Fans, Kitchen Stoves, Ovens, floors & walls

Advantages of FLOOR & HARD SURFACE CLEANER

Superior fully formulated product with focus on high- performance cleaning and degreasing

Optimized proprietary bacterial consortium degrades a broader spectrum of substrates

Highly effective chemistry ensures immediate and effective cleaning

Product continues to degrade organic matter by biological action post-cleaning

Product prevents grease from resurfacing thus preventing dangerous, slippery floor conditions.

Product bacteria provide additional advantage in terms of degradation of dirt within washing solution post application

Readily biodegradable, low toxicity, chemistry components to minimize environmental impact

Modern bacteria-compatible chemistry for maximum product performance

Long product shelf life both as supplied and post dilution

Manufactured in accordance with recognized international quality standard ISO 9001



Product Testing

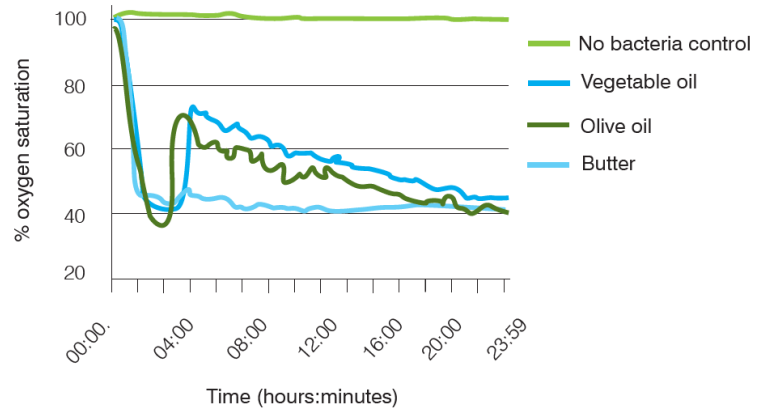
Removal of an ASTM oily soil: BIOLOGIK FS Exterior Hard Surface Cleaner RTU product diluted 1:10. Appearance before cleaning on left, then single 15 second contact with BIOLOGIK FS Exterior Hard Surface Cleaner.



The above are before and after images from a trial at a local automotive workshop, where the walkway out of the workshop was cleaned. The floor is vinyl, estimated to be 10 to 15 years old and was heavily soiled with oil and grease tracked in from the workshop area.

Daily treatment with hot water and bleach or proprietary cleaning product was having no effect. Test product was BIOLOGIK FS - Exterior Hard Surface Cleaner RTU diluted at 20:1. Product was applied, allowed to stand for 1 minute then the areas were scrubbed with a stiff brush, allowed to stand for a further 5 minutes before a second scrubbing. The solution was then mopped off and allowed to air dry.

This is the BIOLOGIK FS Exterior Hard Surface Cleaner RTU product further diluted 1:32. Immediate results, no rinsing. Soil is a modification of Test A6, of the ASTM D4488-95 method. The soil consists of used motor oil, vegetable oil, mineral oil, used hydraulic oil, clay and graphite paste.



The above graph shows degradation of fats, oils and grease by BIOLOGIK bacteria: not only will BIOLOGIK FS - Exterior Hard Surface Cleaner clean, the bacteria will get deep into the pores of the surface and remove remaining greasy soils by bio-degradation

Technical specifications

targeted compounds	wide range of organic compounds including proteins, starches, cellulose and fats, oils and greases	
bacterial type	<i>Bacillus</i> spore blend	
formula properties	turbid, light brown liquid with surfactant odor	
performance properties	effective pH range: 4.0-11.0	temperature range: 5-50°C
packaging	Available in 5, 25, 200 litre pack sizes (Shelf life of 24 months in an original unopened container).	

DURBAN HEAD OFFICE

24 Imbonini Factories
1 Hawk Road
Imbonini Park
Shakashead
Kwa-Zulu Natal
South Africa
Tell: +27 (0) 32 947 3024
Fax: 0865455802
info@biologik.co.za

JHB BRANCH

Brian Hoggarth
Tell: +27 82 372 2528
Fax: 0865455802
info@biologik.co.za