

Microzyme™ Hydrocarbon Surface Cleaner 10X FF

A unique bio-enzymatic formulation for cleaning hydrocarbons from all surfaces

How does Microzyme 50 Surf Clean work?

Oily stains on all surfaces are often complex mixtures of automotive or maintenance products.

Microzyme 50 Surf Clean contains a blend of microbes developed to breakdown these oily compounds.

Combining the residual effects of patented bio-enzymatic technology with patent pending surfactant technology provides a product that is both safe and powerful.

Microzyme 50 Surf Clean sets a new standard for cleaning concrete and other surfaces and is truly unique among cleaning and maintenance products.

Microzyme 50 Surf Clean is a safe alternative for effectively cleaning problematic oil stains left by or on cars, trucks and equipment.

Microzyme 50 Surf Clean is a powerful cleaning product that combines patented bioenzymatic technology with a unique patent-pending surfactant system.

Benefits

A visually cleaner garage floor and driveway with less effort.

Enhance the office, factory and your homes curb appeal with a fresh, clean sidewalk.

Deep-clean tough stains in the workshop, factory garage and basement with a product that is safer for family and pet than the chemical alternatives.

More effective than a solvent-based product, yet is safe to use and friendly to the environment.

Use one product for a wide range of cleaning applications including garage floors, basements, outdoor furniture, tools and equipment.

Features

Non-toxic, non-flammable biodegradable cleaner

Contains virtually no volatile organic compounds (no toxic odours)

Effectively cleans a variety of hard surfaces

Safer alternative to harsh chemical (caustic or acidic) cleaners

Non-corrosive and non-irritating formulation means it's safer for users and the environment

Easy to use

Applications

- Garage floors
- Basement floors
- Sidewalks
- Driveways
- Outdoor furniture
- Patios
- Tools and outdoor equipment

Product Characteristics

Bacteria Count 54×10^7 cfu/ml (540 million/ml)

Bacteria Type Blend of *Bacillus* and *Paenibacillus* spores

Salmonella not detected

Appearance Tan brown liquid

Fragrance Mild chemical odour

PH 7.0 - 9.0

Shelf-life Two years; maximum loss of 1.0 log at recommended storage conditions

Storage and Handling

Store closed containers at room temperature. Wash hands thoroughly with warm, soapy water after contact.

Avoid eye contact.

Dilution Guidelines

Microzyme 50 Surf Clean Conc. 10X FF is a 10X concentrate. This is diluted 1:9 with water & stirred well for 30 minutes to produce a Ready to Use Product.

Pack under agitation to ensure spore dispersion in the product.

Directions for use of RTU product:

Use full strength for heavily stained areas.

Spray or pour on area to be cleaned and scrub with broom or brush. Allow product to stand 10-20 minutes, longer for tough stains. For best results always scrub before rinsing.

For the more stubborn stain and or those that have been there for a long period of time it may be necessary to repeat the application.

For general cleaning, use 200 – 400 ml per liter of water. For more soiled areas you may have to vary the level of concentrate.

Since oily stains penetrate deep into porous concrete several cleanings may be necessary to completely remove aged stains.

Due to product's ability to remove hydrocarbon oils, use on asphalt surfaces more than twice yearly is not recommended. However the removal of asphalt from surfaces is recommended more frequently.

Additional applications and directions for use.

CLEAN PETROL, DIESEL OR OIL FROM WATER

Use Microzyme 50 Surf Clean to clean Petrol, Diesel, Oil and more on water.

DIRECTIONS FOR USE

Blend Microzyme 50 Surf Clean with warm water 3:1 (3 parts Water: 1 part Microzyme 50 Surf Clean)

Spray onto the rainbow floating on the water

Notice how the rainbow immediately disappears

CLEANING GREASE AND FUEL GRIME ON EQUIPMENT IE: FUEL PUMPS, TRACTORS, FARM EQUIPMENT ETC.

DEGREASE EQUIPMENT, PARTS, ETC

Microzyme 50 Surf Clean can be used to clean grease and fuel grime on equipment i.e. fuel pumps, tractors, farm equipment, etc.

DIRECTIONS FOR USE

Blend Microzyme 50 Surf Clean 3:1 with warm water

Spray on equipment you wish to clean grease from

Depending on the extent of grease you may wish to brush it on so as to create agitation and a better opportunity for the bacteria to work

Wipe off after letting stand for 30 seconds – 30 minutes or high-pressure wash

MOTOR OIL STAINS ON CONCRETE AND OTHER HARD SURFACES

Another use of Microzyme 50 Surf Clean is to clean stubborn motor oil stains on concrete and tarmac.

DIRECTIONS FOR USE

Blend Microzyme 50 Surf Clean 3:1 with warm water

Spray onto the stain on the concrete

Note: motor oil stains have dirt on top and product cleans oil from dirt but dirt needs to be washed off or nothing visible will happen

Wash stain with rag or brush on and you will notice it seems like mud and will smear concrete

Wash concrete until smear is gone

Re-apply blend of Microzyme 50 Surf Clean to concrete surface

Scrub with brush or broom

Wash with power washer or hose if possible after at least one hour or let sit indefinitely

Motor Oil stains are quite muddy and require some effort to remove and will not disappear like lighter hydrocarbons.

CLEANING SOOT AND OILY STAINS FROM FABRICS, CONCRETE ETC.

Microzyme 50 Surf Clean effectively removes soot stains from oil furnaces in carpets, fabrics and even concrete.

DIRECTIONS FOR USE

Blend Microzyme 50 Surf Clean 5:1 with warm water

Spray on carpet and work around with wet cloth or sponge

Once black marks are reduced to slight darkened area on carpet, squeeze water out of clean sponge onto carpet and reabsorb from carpet and all black stain will be lifted from the material. Rinse sponge and repeat until completely clean.

CLEANING SOOT FROM OIL FURNACE ON CONCRETE:

Blend Microzyme 50 Surf Clean 5:1 with warm water

Spray onto concrete area affected by stain

Work area with brush

Wash out with water until clean

CLEANING FURNACE OIL, DIESEL AND GASOLINE STAINS AND SPILLS IN CONCRETE, ASPHALT, BRICK, SIDING ETC.

Microzyme 50 Surf Clean removes furnace oil, diesel and gasoline stains and spills in concrete, asphalt, brick, siding etc.

DIRECTIONS FOR USE

Blend Microzyme 50 Surf Clean 4:1 with warm water

Spray on surface and scrub with brush/broom till lather develops

Let sit indefinitely if in someone's house i.e.: basement and the stain will go away over time

Power wash or wash with hose if outside after letting sit for at least one hour

CLEANING FURNACE OIL, OIL, DIESEL OR PETROL IN THE GROUND AND ON GRASS:

Blend Microzyme 50 Surf Clean 3:1 with warm water – use equal volume of concentrate to spill

Pour mixture on ground

Let sit indefinitely

Bio Cleaning Solutions, means Green Technology

This unique formulation meets the criteria for a bio cleaning solutions program for green technology. The bio cleaning solutions designation is used for formulations that utilize biodegradable surfactants at a neutral pH contain no phosphates, no solvents, and low concentrations of volatile organic compounds (VOC).

So it is safe for the user and the environment.

Available Packaging

- 5- liter containers
- 25 liter containers

Patent Number 6,503,746

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