

# Hydrocarbon- Hard Surface Cleaner

## Product Description

L1800 Liquid Bacteria HYDROCARBON DEGRADER contain strains of microorganisms, selected for their synergistic qualities to biodegrade hydrocarbons. L1800 microorganisms are selected for their performance under aerobic and anaerobic conditions.

Formulated in L1800 are surfactants, to allow penetration into grease deposits and speed up the biological process.

To assure optimal performance of these organisms, under the toughest conditions, they are produced and blended together with "high potency" nutrients, stimulants and surfactants.

L1800 contain organisms that will degrade a wide range of hydrocarbons including: gasoline, diesel, crude oil, benzene, toluene, ethyl benzene and xylene.

## Hydrocarbon Remover and Hard Surface Cleaner

L1800 is formulated for optimum cleaning of hard surfaces contaminated with petroleum products.

## Digests and Liquefies:

**Hydrocarbons**

**Gasoline**

**Diesel Fuel**

**Petroleum Oils**

# Clean-Up Local Oil Spills with L1800



L1800 is used on a daily basis for maintaining driveways and soils free of petroleum contamination at gas stations, car dealerships and auto recycle facilities.

## Benefits of L1800:

- Deep Cleans Surfaces
- Enhances Natural Processes
- Eliminates Unsightly Areas
- Reduces Pollution Liability
- Lowers Disposal Costs



**1-800-232-BUGS**

2 8 4 7  
[www.BIOBUGS.com](http://www.BIOBUGS.com)

# Hydrocarbon- Hard Surface Cleaner

 **BIO-SYSTEMS**  
CORPORATION  
P.O. Box 330, Roscoe, IL 61073-0330  
Fax 608-365-9467  
www.BIOBUGS.com

## Specifications

Form:	Free-flowing Liquid
Color:	Pale Green
Fragrance:	Lemon
Specific Gravity:	1.0
Nutrient Content:	Biological nutrients, surfactants & stimulants
Plate Count:	Ten billion per liter Forty billion per gallon

## Packaging

Packaged to suit customer needs and for ease in use.  
Quart, Gallon, 5 gallon, 30 gallon or 55 gallon drum.

## Storage

DO NOT FREEZE! Store in a cool dry location. Do not inhale mists, avoid excessive skin contact. SEE M.S.D.S.

## Application Instructions

One gallon will treat about 1000 square feet. Repeat application on a regular basis.

For hard surfaces such as concrete dilute the product at least 20 to one with water and spray over the area. Allow to soak for several hours or overnight then rinse the surface.

L1800 can be used on hard surfaces such as concrete, asphalt, wood, metal, porcelain, plastics, gravel and railroad ballasts. L1800 can also be used on soils and beaches and is suitable for cleaning many textiles.

## Caution

Aquatic Effects:  
48 hr. "Daphnia magna" LC50 - 214  
Bacterial test LC50 - >5000 mg/L  
96 hr. Fathead Minnow Lc50 - 66 mg/L

## Steps to be taken if material is released or spilled

Wear eye and skin protection. Floors treated with L1800 may be slippery; use care to avoid falling. Avoid discharge to natural waters. Small spillages can be washed away with large amounts of water. Large spillages, if contained, can be returned to container.

For disposal of aqueous surfactant solutions: Aerobic biological wastewater treatment systems are effective in treating aqueous solutions of surfactants. Removal efficiency will depend upon treatment plant conditions. As with any wastewater, consultation with local treatment plant staff is recommended (and may be required by law) before disposal. In typical activated sludge treatment systems, inlet concentrations below 50 mg/l have been treated without foaming problems.

## For Disposal of Neat, Unused Product

Incinerate in furnace where permitted under Federal, State and local regulation.



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## Bio-Augmentation Plus Surfactants



Case  
History  
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## Oil Contaminated Soil

BIO-SYSTEMS L1800 removes fresh and aged hydrocarbons from railroad ballast and the gravel around tank farms. When used regularly around maintenance areas, L1800 eliminates unsightly oil contaminated surfaces.

*BIO-SYSTEMS L1800 can be diluted approximately 20:1 and used in aqueous parts washers. Actual usage and dilution needs to be determined for each parts washer.*



*Petroleum Products*

Your local Distributor is:

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