

# Ultra PowerClean

10X Super Concentrated Industrial Cleaner

## Instructions

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### *INTRODUCTION – READ BEFORE USING*

Ultra PowerClean is a water soluble, near neutral pH, SUPER CONCENTRATE cleaner degreaser in which safe, naturally occurring, non-pathogenic, oil-consuming micro-organisms (microbes) in Biocatalyst (microbe stimulation liquid) can be added to the diluted ready to use cleaner. The same great technology and chemistry of regular PowerClean only 10 times more concentrated. PowerClean is listed by the U.S.EPA on the NCP Schedule\*. It is intended to replace conventional soaps, detergents, and degreasers for routine floor maintenance and general purpose cleaning.

**ABOUT THE MICROBES AND PRODUCT:** Microbes to be used in conjunction with this product are suspended in Biocatalyst, a microbe stimulation liquid, and packaged in a separate container. Microbes will consume oils, lubricants, and transmission fluid BUT - only after being broken down (dissolved) and diluted in plenty of water \* Microbes won't clean floors by themselves – as with any cleaner, it still takes good old fashioned elbow grease \* Microbes do not “crawl”- they are transported by water \* Microbes used are non-pathogenic; safe to handle. The Ultra PowerClean formulation is non-corrosive and can be used to safely clean **concrete, asphalt, painted or unpainted metal, tile, wood, fabric**, etc. Will not harm rubber, plastics, or paint in proper dilution.

### **CLEANING AND DEGREASING**

#### **USE TO CLEAN**

FLOORS, DECKS, WALLS, BILGES, LOADING RAMPS, VEHICLES, WALKWAYS, EQUIPMENT, TOOLS, MACHINERY, TANKS, ANIMAL QUARTERS

- DO NOT USE WITH **HOT WATER**
- DO NOT MIX WITH OTHER CLEANERS OR APPLY OTHER CLEANERS TO TREATED SURFACES
- BE SURE ALL MOPS, BUCKETS, EQUIPMENT, PUMPS, HOSES, ETC. ARE RINSED AND CLEAN PRIOR TO USING

**APPLICATION OPTIONS:** Apply using pump-up sprayers, pumps, induction through pressure washer, mop buckets, automatic floor scrubbing machines, chemical proportioners, drip systems, or pouring manually. Will not harm gaskets, seals, pump or equipment internals.

**SPILLS ON CONCRETE, ASPHALT, FLOORS, ETC:** For major spills, it is recommended that the majority be absorbed or vacuumed and collected for proper disposal prior to cleaning. For smaller spills, Ultra PowerClean can be applied to the surfaces with conventional pump-up sprayers. Ultra PowerClean is a concentrate and should be diluted with 20 to 30 parts water and a quick squirt of microbe liquid per gallon before applying to oil or fuel spills.

**To apply:** After diluting with water and adding the microbe liquid, spray on an amount that is equal to the amount of spilled hydrocarbons to be cleaned up. Spray directly on spilled material and agitate with brooms or mops. Pour enough water on the Ultra PowerClean/fuel or oil mixture to assure that it spreads to the immediate surrounding area. Using Ultra PowerClean, it is not necessary to rinse the emulsified oil or fuel all the way to a sewer line. At this point the oil or fuel has been broken down to a molecular level (permanently emulsified). The emulsified Ultra PowerClean/oil mixture should be removed with a mop or water-vac and the excess disposed of in an approved manner. Before flushing the residue to the municipal drain, check local regulations. Emulsified oils or fuels will seep into the pores of the concrete along with the water, where the microbes will transform it into harmless by-products over time. It will not re-surface and float or cause a sheen. Also, unlike other cleaners, oils and fuels emulsified with Ultra PowerClean will not re-adhere to surfaces during cleaning. If there is no time to add water after agitating, simply wet the area later. Observe all regulatory agency requirements.

**ROUTINE CLEANING:** Dilute Ultra PowerClean with the appropriate amount of water using the dilutions listed (shown) below. After diluting add 1 quick squirt of Microbe Liquid to each gallon of ready to use cleaner. Apply with manual or automatic sprayers, mops, and buckets or automatic scrubbers. As with any aqueous cleaner, Ultra PowerClean should be given a few minutes to soak on dried up oils and greases prior to scrubbing or rinsing.

The components of Ultra PowerClean have a greater affinity for the cleaned surfaces than do oils and greases, therefore replacing them. If added Microbes in Ultra PowerClean penetrate into the cracks and pores, initiating the elimination of sub-surface oils and greases. After the surface is clean, several applications and occasional watering will be required to eliminate deeply embedded oils. A single application will not remove deep stains.

**DILUTION RATES:**

<b>Removing heavy accumulations of oil, crusted, sun baked or water resistant greases</b>	<b>1 part product with 10 to 20 parts water</b>
<b>Oil and fuel spill clean-up, spot cleaning using pump-up sprayer</b>	<b>1 part product with 20 to 30 parts water</b>
<b>Heavy duty mopping (extra oily industrial or auto shop floors), heavy duty pressure washing</b>	<b>1 to 2 ounces product per gallon water</b>
<b>General pressure washing, floor scrubbers, light duty mopping (light oil films, dirt), controlling odors</b>	<b>6 to 18 Milliliters product per gallon water</b>

**ADDING MICROBE LIQUID:** Add approximately 1 quick squirt of Microbe Liquid to each 1 gallon of diluted ready to use cleaner. There are billions of rapidly reproducing microbes in each bottle of Microbe Liquid so measurements do not have to be exact. NOTE: Microbes do not have to be added if not desired.

**COVERAGE:** Coverage can vary from as much as 75 to 100 sq. ft. per gallon at a 1:10 dilution for heavy accumulations, to as much as 1,000 sq.ft. or more per gallon at maximum dilution, depending on conditions and method of application used (see dilution section).

**TIP:** For well maintained glossy floor finishes such as epoxy, less product is better. Leftover residues are an indication that:

- A) Too much product is being used
- B) Oil spills are not being absorbed before mopping and rinsing or
- C) Mop water needs changing more frequently.

**NOTE:** For difficult to remove compounds, we recommend Nature's Way K-Gold, a non-petroleum organic solvent degreaser. It is safe to handle, virtually odorless and non-flammable (flash point 285 degrees F).

**OTHER USES**

Use 1 part Ultra PowerClean with 50 to 100 parts water in quart spray bottle to clean tools, storage tank exteriors, walls, excess oil from engines/ undercarriages. Excellent for cleaning upholstery and carpet, however, rinse with wet towel using plenty of clean water and then towel dry. Outside, spray around dumpsters, oil collection tanks, front and rear aprons, and all oil stained areas, including soil, once per week and then water occasionally if no rain occurs.

\*PowerClean 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 PowerClean on an oil discharge. This listing means only that data has been submitted to the EPA as required by subpart J of the National Contingency Plan, S. 300.915

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Nature's Way Bioremediation products are covered by U.S. patent number 5,561,059