

NPE Free PowerClean

Industrial Cleaner with Microbes

Instructions

INTRODUCTION – READ BEFORE USING

This cleaner contains live, safe, natural, “oil-consuming” microbes!

NPE Free PowerClean is an aqueous, neutral pH cleaning CONCENTRATE **WITHOUT ANY NONYLPHENOL ETHOXYLATES (NPE)** that contains safe, naturally occurring, non-pathogenic, oil-consuming micro-organisms (microbes). All the same great features of regular PowerClean but it has no NPE's. 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 NPE GUIDELINES: Europe and other countries are requiring any surfactant based products to be free of NPE. NPE Free PowerClean meets those requirements.

ABOUT THE MICROBES AND PRODUCT: 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 NPE Free 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. NPE Free PowerClean is listed by the U.S.EPA on the NCP Schedule*.

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, SHORELINES, WATERWAYS, ETC: For major spills, it is recommended that the majority be absorbed or vacuumed and collected for proper disposal prior to cleaning if possible. For smaller spills, NPE Free PowerClean can be applied to the surfaces with conventional pump-up sprayers. For shorelines and other marine applications the actual site will determine the actual use. NPE Free PowerClean is a concentrate and should be diluted with 2 to 3 parts water before applying to oil or fuel spills.

TO APPLY: After diluting with water, if necessary, 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, cloths or mops. On hard surfaces pour enough water on the NPE Free PowerClean/fuel or oil mixture to assure that it spreads to the immediate surrounding area. On shoreline and other marine environments spray Power Clean (concentrated or diluted) directly onto the contaminant and clean with cloths, mops, etc The emulsified NPE Free PowerClean/oil mixture should be removed with a mop, cloths or water-vac and the excess disposed of in an approved manner. On hard surfaces before flushing the residue to the municipal drain, check local regulations. Emulsified oils or fuels remaining after rinsing 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 NPE Free 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 NPE Free PowerClean with the appropriate amount of water using the dilutions listed (shown) below. Apply with manual or automatic sprayers, mops, and buckets or automatic scrubbers. As with any aqueous cleaner, NPE Free PowerClean should be given a few minutes to soak on dried up oils and greases prior to scrubbing or rinsing.

SHORELINE AND MARINE: Apply Power Clean Ultra either concentrated or diluted as shown below and apply with an appropriate sprayer. Agitate the hydrocarbon thoroughly and then remove with mops, cloths, etc. Excessive oil should be removed before using Power Clean Ultra. If dilution is needed then a 1: 1 dilution is usually the most water for dilution used.

DILUTION RATES:

Removing heavy accumulations of oil, crusted, sun baked or water resistant greases	Full strength to 1:1 dilution
Oil and fuel spill clean-up, spot cleaning using pump-up sprayer	1 part product with 2 to 3 parts water
Heavy duty mopping (extra oily industrial or auto shop floors), heavy duty pressure washing	8 to 16 ounces product per gallon water
General pressure washing, floor scrubbers, light duty mopping (light oil films, dirt), controlling odors	2 to 6 ounces product per gallon water

COVERAGE: Coverage can vary from as much as 75 to 100 sq. ft. per gallon on shorelines (undiluted) for heavy accumulations, to as much as 1,000 sq.ft. or more per gallon on hard surfaces (concrete) (in dilution), depending on conditions and method of application used (see dilution section).

TIP: For well maintained glossy floor finishes such as red 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 NPE Free PowerClean 5 to 10 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 NPE Free 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

WARRANTY: Nature’s Way products are manufactured in accordance with strict quality standards, however, due to the many variable and site specific conditions and requirements involved with application and the bioremediation process and the inability of Integra Environmental, Ltd. to control such conditions, all implied warranties, including, but not limited to, implied warranties or merchantability and fitness for a particular purpose are hereby disclaimed.

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