

PartsWasher BB

READILY BIODEGRADABLE & BIOBASED
Concentrated Cleaner Degreaser

INFORMATION

For many years industry has relied on solvent based parts washers to clean and degrease parts, tools and machine components. While solvents generally do a good job of cleaning parts, they pose a severe health & safety risk to all workers that used them. The added cost of disposal, fire risk, insurance surcharges and OSHA regulations further add to their negative impact on your business and the safety of your employees. This is why we have developed **PartsWasher BB™**. This **new and innovative, aqueous based, non-solvent product allows your parts cleaning & degreasing to be free of any negative health, environmental issues or safety concerns**. When added to heated, aerated, water-based parts washing equipment, nothing out performs **PartsWasher BB**.

PartsWasher BB complies with USDA 7CRR Part 2902 Final Rule effective February 10, 2005. Contains a formulation ingredient approved by the US EPA DfE - "Designed for the Environment" Program. Approved for the Federal Biobased Products Preferred Procurement Program.

USES & APPLICATIONS

PartsWasher BB™ is an exception solution of natural renewable bio-based plant extracts, a bio-surfactant cleaning agent, rust inhibitor and water soluble. *Some of its key features and applications are:*

- Aqueous based Parts Washer
- Reduce/eliminate additional personal protection safety equipment
- Neutral pH
- Reduced routine parts washer maintenance cost
- Eliminates the need for monthly service/pump outs
- For use in a wide variety of maintenance, repair, manufacturing and production locations.

PartsWasher BB™ can be used to remediate most petroleum hydrocarbons. *The following is only a partial list of the most common contaminant's on which this product is effective:*

COMMON HYDROCARBONS:

- | | | | |
|----------------------|----------------------|----------------------|--------------------|
| • MINERAL SPIRITS | • MOTOR & CRUDE OIL | • AROMATICS | • ETHYLBENZENE |
| • JET FUEL | • CUTTING OILS | • GLYCOLS | • DIESEL FUEL |
| • HEATING OIL | • INK & GRAFFITI | • BENZENE | • PARAFFIN |
| • LUBRICATING OIL | • PAINT THINNERS | • ALCOHOL | • NAPHTHALENE |
| • TARS | • TOLUENE | • KEROSENE | • SOLVENTS |
| • ANTI-FREEZE | • ORGANIC PESTICIDES | • XYLENE | • ORGANIC SOLVENTS |
| • TRANSMISSION FLUID | • GREASE | • ORGANIC HERBICIDES | |

DIRECTIONS & PROPERTIES

PartsWasher BB™ is a highly concentrated liquid cleaner and degreaser with rust inhibitor. You should mix this product at a minimum ration of 10:1 - 10 parts water to 1 part PartsWasher in order to test your application needs. Increase or decrease water content for economy or as your equipment may require.

1. Shake and Agitate the container before using.
2. Parts Washer™ is most effective in an heated, aqueous-based parts washer or for manual cleaning and degreasing of parts, components, equipment & tools.
3. Add the appropriate amount of product and water to your washer or basin (10:1 ratio)
4. Clean and degrease parts and tools as usual. Dry parts as quickly as possible.

PHYSICAL PROPERTIES:

Appearance: Light Yellow Odor: Mild Citrus Boiling Point: 212° F Soluble in Water: Complete pH Concentrate: 6.8 to 7.9 pH Diluted: 6.4 to 7.3
Evaporation Rate: Same as Water

PRODUCT EFFECTIVENESS: The effectiveness of this product and the "speed" at which it works is determined by certain factors. *In general these factors are as follows:*

TEMPERATURE: The warmer the temperature, the faster this product will work. (Between 80° F. to 125° F.)

FOAM: Reduced and Low foam formulations are available for high pressure cabinet washers and jet spray equipment.

AERATION & PRESSURE: The use of aeration (air hose or bubbler) and pressure speeds the process.

TYPE OF HYDROCARBON: Some hydrocarbons take longer than others. The bioremedial process will begin immediately but may take longer to complete depending on the above factors.

PACKAGING: 5 gallon "cubitainers", 2 1/2 gallon "F-Style Jugs" (2 per Case), 1 gallon "F-Style Jugs" (4 per Case), 55 gallon drums, tote containers and bulk packaging available, please call for details and options.

A partial listing of additional bioremedial products available through Environmental Solution, Inc.:

- Bioremedial Absorbents
- Light & Heavy Duty Multi-Use Cleaner/Degreaser
- Bio Based Solvent Replacements
- Soil & Water Remediation
- Food Processing Plants
- Bioremedial Parts Washer
- Floating Absorbent
- Oil & Petroleum Processing, On/Off shore
- Pharmaceutical Grade Absorbent
- Biological Wastewater Booster Kit
- Bilge, Engine Room and Galley Degreaser
- Floating Absorbent
- Site Specific Absorbent

FOR ADDITIONAL INFORMATION OR TO PLACE AN ORDER, PLEASE CONTACT



Total Bio Solution, LLC

BIOREMEDIAL CLEANING
PRODUCTS FOR A
CLEANER, GREENER WORLD

Total Bio Solution, LLC is a distributor of bioremedial cleaning products that eliminate spills, contamination and environmental hazards utilizing eco-friendly solutions manufactured by EnviroLogic, Inc.

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