

# FPT-100™

CONCENTRATED - READILY BIODEGRADABLE - CLEANER DEGREASER FOR FOOD PROCESSING PLANTS

## INFORMATION

**FPT-100™** is a unique concept in the cleaning, **maintenance and remediation of troublesome contaminants in the food processing industry.** This product **utilizes innovative technology to remove animal and vegetable greases, oils, starches, and lipids** from all areas of your plant. At the same time **FPT-100™** will remove any hydrocarbons that may be present in production or work areas from leaking lubricant and hydraulic lines on your equipment. The hydrocarbons include a broad spectrum of petroleum based chemicals including oils, lubricants, greases, and solvents. This innovative technology uses **naturally occurring, renewable "Green Chemistry" to remove substances that may cause manufacturing or processing failures.** Additionally, when used with our **FPT-600™, SEP-700™** Septic System or **GTO™** Grease Trap Concentrates, you can be assured of an environmentally safe facility. **FPT-100** is blended with special "Bio-based Compounds" to accelerate the remedial process and render the polluting compounds harmless to your equipment, your employees, and the environment. The by-products of the final natural bio-remedial process are CO<sup>2</sup> (Carbon Dioxide) and water. **FPT-100™ is an excellent general purpose cleaner.** When used in a general maintenance program, **it is very economical to use.**

## USES & APPLICATIONS

FPT-100™ is an active mixture of food, fat, grease, starch and hydrocarbon Bio-based Cleaning Agents that are: • NON-CORROSIVE • NON-CAUSTIC • NON-TOXIC • NON-HAZARDOUS • NON-POLLUTING

Complies with USDA 7CFR Part 2902 Final Rule effective 10 FEB 2005

Federal Bio-based Products Preferred Procurement Program

Contains a formulation ingredient approved by the USEPA DFE - "PROGRAM DESIGN for the ENVIRONMENT"

This product can be safely used in all areas of a food manufacturing facility without harm or issue to food, persons or machinery that comes in contact with it.

## DIRECTIONS & PROPERTIES

FPT-100 is a highly concentrated liquid. Whichever procedure you follow, you must mix this product at a minimum ratio of 15 parts water to 1 part FPT-100 in order for this product to work effectively (15:1).

### PRESSURE WASHER PROCEDURE:

1. Insert the mixing tube of the pressure washer into the spout of the container.
2. This product must be mixed at a minimum of 15 parts water to 1 part FPT-100™.
3. Adjust concentration levels as appropriate.
4. Apply the mixture directly on the area you wish to clean & degrease.
5. Use the "pressure" to aerate and agitate the "stubborn" areas.
6. Allow the mixture to dwell on the area for as long as possible (seconds to minutes).
7. Very old stains may need several applications.

*Warm water enhances performance*

### PHYSICAL PROPERTIES:

Appearance: White Cloudy Liquid    Odor: Odorless    Boiling Point: 212° F    Soluble in Water: Complete    pH Concentrate: 6.6 to 7.2    pH Diluted: 6.2 to 7.5  
Evaporation Rate: > Water

**PRODUCT EFFECTIVENESS:** The effectiveness of this product and the "speed" at which it works is determined by certain factors the absorption action of this products begins immediately. The bioremedial process will begin with the introduction of water. The duration will depend on many factors. *In general these factors are as follows:*

**TEMPERATURE:** The warmer the temperature, the faster this product works. This product has an effective temperature range of approx. 42° F to 120° F. Do not exceed 120° F.

**AGE OF THE STAIN OR SPILL:** The older the stain or spill, the longer it takes to work.

**TYPE OF HYDROCARBON:** Some fats, oils, greases and hydrocarbons take longer than others.

**PACKAGING:** 5 gal. "cubitainers," 2 1/2 gal. "F style jugs" (2 per case), 1 gal. "F-style jugs" (4 per case), and 55 gallon drums, bulk packaging available, please call for details and options.

**FPT-100** can be used to remediate all animal and vegetable greases, oils starches and lipids from food processing plants as well as a wide variety of petroleum hydrocarbons. *The following is only a partial list of the most common contaminant's:*

### COMMON FUELS

- |                      |                      |                      |
|----------------------|----------------------|----------------------|
| • DIESEL FUEL        | • HEATING OIL        | • GASOLINE           |
| • BENZENE            | • PARAFFIN           | • MINERAL SPIRITS    |
| • MOTOR OIL          | • AROMATICS          | • JET FUEL           |
| • ALCOHOL            | • NAPHTHALENE        | • CRUDE OIL          |
| • TOLUENE            | • KEROSENE           | • ORGANIC PESTICIDES |
| • ORGANIC HERBICIDES | • TRANSMISSION FLUID | • XYLENE             |
| • ORGANIC SOLVENTS   | • ETHYLBENZENE       |                      |

### MANUAL SPRAYER and BRUSH PROCEDURE:

1. Pre-mix FPT-100 in an industrial pump sprayer at appropriate concentration level.
2. The product must be mixed at a minimum of 15 parts water to 1 part FPT-100.
3. Spray the stained area with mixture, cover the entire area to be cleaned.
4. Wait a few minutes before going to next step.
5. Agitate and aerate the area with a stiff brush or broom.
6. Allow the area to remain wet for as long as possible (seconds to minutes).
7. Very old stains may need several applications.

*Warm water enhances performance*

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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