

# SEP-700™

CONCENTRATED MICROBIAL-ENZYMATIC REMEDIATION AGENT FOR

## SEPTIC SYSTEMS

### INFORMATION

**SEP-700™** is a **revolutionary concept in the cleaning, maintenance and remediation of commercial, industrial and residential septic systems.** This product utilizes bioremedial technology to literally “eat” food and vegetable greases, oils, starches and lipids from all septic systems. At the same time **SEP-700** will **remediate any hydrocarbons that may be present in the system.** These hydrocarbons include a broad spectrum of petroleum based chemicals including motor oil, grease, diesel fuel, gasoline, solvents and herbicides. **bioremediation uses naturally occurring micro-organisms to degrade all of these substances that may cause system failure, soil and water contaminations.** **SEP-700** is compounded with special “bio-nutrient” compounds to **accelerate the bioremedial process and render the polluting compounds harmless to the environment.** As an added benefit, there are included microbes to digest any fats, food greases and oils that may be “slowing down” your system. The by-products of this natural process are carbon dioxide (CO<sub>2</sub>) and water. **When this product is used in a routine maintenance program, it will effectively help to maintain a clean and safe environment while effectively and economically eliminating hazardous hydrocarbon pollution in the septic system.** It will improve and open drain lines and **most notably, controls odor.**

### USES & APPLICATIONS

**SEP-700** is an highly effective bioremedial cleaning product that can be used in commercial and industrial septic systems. *In addition to food and vegetable fats, oils and grease, here is a partial list of contaminant's and chemicals that will effectively be eliminated:*

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

Our products are environmentally sound and dedicated to the cleaning and remediation of potentially harmful contaminant's. While each product has specific applications and uses, they all share the unique ability to transform hazardous compounds into safe and disposable carbon dioxide (CO<sub>2</sub>) and water. The process of bioremediation is listed as one of the US Environmental Protection Agency's (EPA) innovative technologies and can be accomplished in-place (In Situ) thereby eliminating the hazard and costs of “off-site” contamination. Bioremediation is a cost effective way to eliminate harmful contaminates to our environment.

*We have the most extensive line of products available to solve your hydrocarbon contamination problems from the past and to prevent those problems in the future.*

### DIRECTIONS & PROPERTIES

**SEP-700** is highly concentrated and must be mixed at a minimum ratio of 10:1 with water. Over time, you may add more water for greater economy or as your specific application may dictate to maintain appropriate levels.

#### INITIAL “SHOCK” APPLICATION PROCEDURE:

1. Gain direct access to the septic tank. If this is not possible, find the last outlet/inlet into the system (drain, sink, toilet, etc.);
2. It is highly recommended that for the initial inoculation, that you use 2 ½ gallons of the SEP-700 concentrate and mix with 22 ½ gallons of water to make approximately 25 gallons of the effective cleaning solution (utilizing the ration of 10;1);
3. Pour the entire 25 gallon mixture “down the drain”. It can be added in increments for your convenience but, all of the product should be added within a 20 minute period of time;
4. After adding the above, wait for approximately 2 weeks and repeat the procedure with the same amounts of SEP-700 and water solution (25 gallons);

#### ROUTINE MAINTENANCE APPLICATION PROCEDURE:

1. One month after completing the above instructions, begin a routine maintenance program;
2. Add 10 diluted gallons of the SEP-700 each month at the outlet/inlet closest to the septic tank. (as noted above).
3. Moistened soil will help to distribute the mixture more evenly. Try to maintain a moisture level of 30 to 40% - the consistency of soft mud.
4. Test as appropriate to measure for desired results.

#### PHYSICAL PROPERTIES:

Appearance: Copper Liquid    Odor: Orange Citrus    Boiling Point: 212° F    Soluble in Water: Complete    pH Concentrate: 6.6 to 7.2    pH Diluted: 6.2 to 7.5  
Evaporation Rate: Same as Water

**PRODUCT EFFECTIVENESS:** The effectiveness of this product and the “speed” at which it works is determined by certain factors. The bioremedial process will begin immediately but the duration or speed of the process will depend on many factors.

*In general these factors are as follows:*

**TEMPERATURE:** The warmer the temperature, the faster this product will work.

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

**TYPE OF HYDROCARBON:** Some hydrocarbons take longer than others.

**PACKAGING:** 5 gallon “cubitainers,” 2 ½ gallon “F style jugs” (2 per case), 1 gallon (4 per case), 16 oz. bottles (12 per case), 55 gallon drums and bulk packaging is available, please call for details and options.

#### A partial listing of additional bioremedial products available :

- Bioremedial Absorbent • Light & Heavy Duty Multi-Use Cleaner/Degreaser
- Bio-Based Solvent Replacements • Soil & Water Remediation
- Bioremedial Parts Washer • Floating Absorbent • Oil Water Separators
- Marine Bioremediation • Food Processing Plants
- Oil Water Separators • Aqueous Based Solutions • Smart Solvent Wipes

**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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