



## Liquid Products Comparison Guide

While Vaportek's liquid products do share some similarities and overlapping capabilities, each does have its own unique, specific characteristics and recommended applications. Refer to these charts and information to determine the appropriate liquid product for specific uses. SDS are available for all liquid products and may be found online at [www.Vaportek.com](http://www.Vaportek.com).

### **BIO-C Professional Strength Bacterial/Enzyme Concentrate**

Three-stage concentrate that includes enzymes; five strains of dormant, nonpathogenic bacteria and fragrance. Enzymes are chemical catalysts that break larger molecules of waste, making them more readily available for digestion by bacteria. Enzymes jump-start the digestion process. Can be used full-strength or diluted with water 1:1 or greater. Mixture should be used in a relatively short period of time and should not be stored. The greater the dilution, the fewer bacteria per milliliter. The mixture as formulated contains 68 million colony-forming units (CFUs) per milliliter (255 billion CFUs per gallon). DO NOT FREEZE.

### **BIO-C GP (General Purpose) Bacterial Concentrate**

Contains five strains of dormant, nonpathogenic bacteria and fragrance. Non-staining, two-stage formula may be diluted 1:1 or greater. The greater the dilution, the fewer bacteria per milliliter. (The bacteria will reproduce but the initial effective time will be extended.) Bacteria become totally involved in 4-6 hours. Mixture should be used in a relatively short period of time and should not be stored. Does not leave a slippery residue on floors or other hard surfaces. DO NOT FREEZE.

### **ECOZ Water Soluble Odor Neutralizer Concentrate**

Water-soluble odor neutralizer concentrate is available in Classic Neutral, S.O.S. (Smoke Odor Solution), Lemon, and Linen fragrances. Specifically formulated for commercial and institutional use to treat tough odors on floors, walls and other surfaces. Designed to enhance any cleaning activity by providing an extra measure of deodorization; compatible with other cleaning solutions. Fragrance does not break down in high heat; zero suds profile, with a neutral pH. Leaves a pleasant, long-lasting aroma after cleaning is completed.

Product Contents	Bio-C	Bio-C GP	Ecoz
<p style="text-align: center;"><b>ENZYMES</b></p> <p>Catalyst that breaks down larger molecules of wastes, making them more readily available for digestion by bacteria. Jump-starts the digestion process.</p>	✓		
<p style="text-align: center;"><b>BACTERIA</b></p> <p>Five dormant, nonpathogenic bacteria strains that break down organic waste, the source of the odor, and turn it to water and CO<sub>2</sub>. One strain starts within one hour; requires 4-6 hours to be fully involved.</p>	✓	✓	
<p style="text-align: center;"><b>SURFACTANT</b></p> <p>Makes essential oils soluble in water and adds a light cleaning action.</p>	✓	✓	✓
<p style="text-align: center;"><b>FRAGRANCE</b></p>	✓	✓	✓

# VAPORTEK LIQUID PRODUCT REFERENCE GUIDE

✓✓ = Primary Treatment    ✓ = Secondary Treatment

Application	Bio-C	Bio-C GP	Ecoz
Carpet/Upholstery Shampooing, Laundry Rinse			✓✓
Hard-surface Floor Mopping/Rinsing		✓	✓✓
Bathroom Fixtures (Tiles, Toilets, Urinals)	✓✓		✓
Hotel Rooms, Meeting Rooms, Medical Facilities (Carpets, Bedding, Furniture, Draperies)			✓✓
Restoration/Disaster Recovery (Dead Body, Skunk, Organic Rot, Charred Wood, Mold/Mildew)	✓✓	✓	✓
Portable Toilets	✓✓	✓	✓
Kennel Floors, Walls, Cages	✓	✓✓	✓
Trash Receptacles	✓✓	✓	✓
Garbage Dumpsters/Sites	✓✓	✓	
Drain Build-up Remover/Preventive Maintenance, Grease Traps, Septic Tanks, Sewage Treatment	✓✓	✓	
Drip Systems	✓✓	✓	
Kitchen/Restaurant Floors (Grout, Grease, Food Spills)	✓✓	✓	
Vehicle Upholstery/Carpet (Food/Milk Spills, Pet Odors)		✓✓	✓
Spot Cleaning Carpet/Upholstery (Blood, Vomit, Urine, Food, Pet and Other Protein-based Stains)		✓✓	
Urine-contaminated Soft Surfaces (Carpet/Rugs, Upholstery, Draperies, Bedding/Mattresses)		✓✓	✓
Cigarette/Tobacco Odors (Draperies, Carpet, Bedding, Vehicle Interiors)			✓
Sports Equipment/Shoes		✓✓	✓
All products containing bacterial strains work upon surface application and should not be sprayed into the air as a deodorizer (Ecoz may be sprayed as a room deodorizer).			

## ABOUT CONCENTRATES

When using in a diluted state, it is important that the products containing enzymes and bacteria be used promptly. Concentrates are stabilized formulas that maintain the concentrations of enzymes/bacteria. Once diluted, the concentrations of these important elements will decline. It is recommended that the diluted product be used promptly, within 3-5 days of dilution. Keeping treated area damp for extended period increases product effectiveness.

Dilution ratios for Ecoz range from 1:25 to 1:160. When used in carpet extractors, Ecoz Classic Neutral, S.O.S. or Linen are recommended (rather than Lemon, as citric acid has been known to dissolve rubber seals in machines). Fragrance profile does not break down in high operating temperatures of truck-mounted extractors. Ecoz has zero suds profile and a neutral pH. When added to a final laundry rinse, add 3-4 ounces in a commercial-size washer. Higher concentrations may be desired for a stronger fragrance or when used as a room deodorizer.

Bio-C actively accelerates natural breakdown of organic matter and is recommended for use in grease traps, garbage disposals, portable toilets, etc. Bio-C GP does not leave a slippery residue on floors or other hard surfaces. For typical bathroom odors, dilute Bio-C with water 1:25 and apply to tile and floor areas around fixtures, allowing formula to be absorbed into cracks, grout, etc. As a floor solution, dilution may range from 1:25 for initial treatment, to 1:150 after odor problems are under control. Can also be used in drip systems, for pet stains, disaster recovery, etc. Do not mix enzyme products with disinfectants or with water over 120° as active ingredients will be destroyed. DO NOT FREEZE.