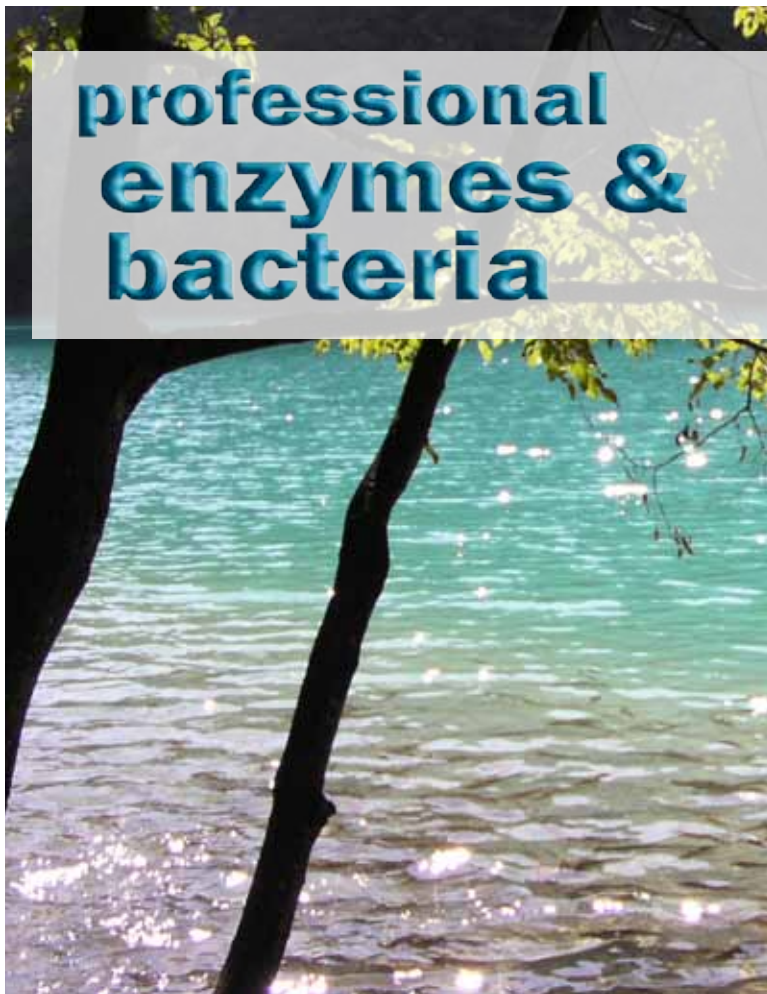


Orb-3

lake & pond

Water management made easy, Orb-3 Professional Enzymes & Bacteria are the total solution



2-in-1 pathogen-free formula

Easy to apply manually or with an automatic feed system

Natural additives decrease chemical demand

Continuous sludge digestion can maintain or increase water depth

Orb-3 Professional Enzymes & Bacteria includes active enzymes with a well-suited blend of lake and pond bacteria strains which provide the benefits of liquid and dry products in one.

This ultra-concentrated combination product cleaves organics for bacteria to remediate before loading clouds water or becomes sludge. While the Orb-3 bacteria promote aerobic activity, the

Orb-3 enzymes stimulate thousands of natural, biochemical reactions to take place at an accelerated pace enabling bacteria to consume organics faster than it can settle.

Orb-3 Professional Enzymes & Bacteria supplies a water body with natural tools to defend itself against sludge buildup and immediately restores clarity leaving healthier water.



Professional Enzymes & Bacteria

Water Column Treatment

1 acre foot = a surface acre 1' deep or 326,000 gal
Initial: 1/2 – 1 gallon per acre foot (1.5 – 3.0ppm)
Weekly: 1/8 – 1/2 gallon per acre foot (0.4 – 1.5ppm)
Dilute product with enough water to uniformly treat water surface area

Acute Sludge in Water Column

1 acre foot = a surface acre 1' deep or 326,000 gal
Usage: 1/2 gallon per acre foot (1.5 ppm); 2 – 4 times / year
Dilute product with enough water to uniformly treat volume

Sludge Bed Treatment

Usage: 5 gallons per surface acre (16 oz per 1000 sq ft); 2 – 4 times / year
Dilute product with enough water to uniformly inject into sludge bed; inject or knife diluted product into muck in a 30' on center grid pattern (or smaller if buildup is severe)
Optionally mix with Orb-3 Professional Trace Mineral Organic Catalyst to enhance treatment results

Technical Specs

In Use pH Range Neutral
Solubility in Water..... Soluble
Odor Mild
Appearance..... Translucent dark amber liquid

Packaging, Handling and Storage

Size	Pkg	Dimensions (LxWxH)	Weight
1-gal	4/cs	15" x 10" x 10"	39 lbs
2.5-gal	2/cs	14" x 9" x 15"	48 lbs
5-gal	pail	12" x 10" x 15"	48 lbs
15-gal	drum	14" dia. x 26" H	135 lbs
55-gal	drum	24" dia. x 36" H	475 lbs

Store this product out of direct sunlight in a cool dry area. For best results, use within 12 months. Request an Orb-3 Professional Enzymes & Bacteria MSDS for more specific information.

For Optimum Results

Always dilute and use as directed

Disperse product evenly over water surface or ensure a thorough mix throughout

For problem areas, power spray diluted product onto water surface; get product in contact with contaminate by creating considerable agitation

Apply when ambient temp is 50°–90° F; dissolved oxygen level is over 1.0ppm; pH is 6 – 8; alkalinity is less than 100ppm

Treat daily with 1/7th of weekly dose using an automatic feed system

Use with other Orb-3 Professional Bacteria, Trace Minerals and Phosphorus Reduction products for a full treatment program

Proper aeration will enhance product performance

