



Liquid Bacteria Sludge Control

Like all *Avir Natural Water* bacteria products, *Avir Natural Water* Liquid Bacteria cost-effectively outperforms other bacteria.

Avir Natural Water Liquid Bacteria is a customized blend of select strains of bacteria, specifically targeted for their sludge control capabilities. These include digesting duck, geese, and fresh waste plant material, odor causing volatiles and the binders of organic contaminate which contribute to sludge bed growth.

By consuming the organic materials, that become sludge, *Avir Natural Water* Liquid Bacteria's superior microbes help naturally control and reduce the volume of contaminate in a lake or pond sludge bed. The treatment minimized sludge bed buildup.

- Easy to apply manually or with a timed feed system
- All natural; pathogen free
- Safe for fish, plants, animals and humans
- Minimizes odor-causing nutrients
- Reduces or eliminates chemical treatments

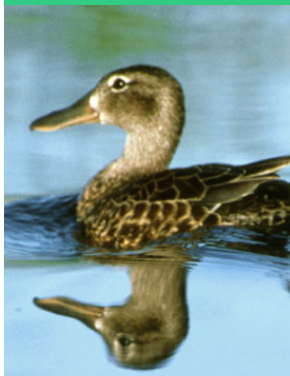
Avir Environmental Corporate Mailing

P.O. Box 629
Denver, CO 80151 USA

Email: info@avirenviro.com
Phone: 303.300.1515
Fax: 303.783.0485
Web: www.avirenviro.com



Avir Natural Water Applications



Liquid Bacteria Sludge Control Application Guidelines

Application Rate for Water Column Treatment

(1 acre foot = a surface acre 1' deep or 326,000 gallons)

Usage: 96 ounces per acre foot (2.25 ppm); 2-4 times/year
Dilute product with enough water to uniformly treat volume

Application Rate for Sludge Bed Treatment

Usage: 6.5 gallons per surface acre (20 ounces per 1000 sq ft); 2-4 times/year
Dilute product with enough water to uniformly inject into sludge bed

For Optimum Results

- Dilute and use as directed
- Inject or knife diluted product into muck in a 30' on center grid pattern (or smaller if buildup is severe)
- Apply when ambient temperature is 50°-90° F; dissolved oxygen level is over 1.0 ppm; pH is 6-8 alkalinity is less than 100 ppm
- To minimize the effects of settling, mix product thoroughly before beginning application
- Use with other *Avir Natural Water* Enzyme, Bacteria, Trace Minerals and Phosphorous Reduction products for a full treatment program
- Proper aeration will enhance product performance

Technical Specs

In Use pH Range:.....Neutral
Solubility in Water.....Soluble
Odor.....Mild
Appearance.....Creamy tan liquid

Packaging, Handling and Storage

Size	Package	Dimensions (LxHxW)	Weight
1-gal	4/case	15" x 10" x 10"	39 lbs
2.5-gal	2/case	14" x 9" x 15"	48 lbs
5-gal	pail	12" x 10" x 15"	48 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 *Avir Natural Water* Liquid Bacteria MSDS for more specific

Disclaimer

This information is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Avir Environmental LLC assumes no responsibility for personal injury or property damage to the Vendee, Users or Third Parties caused by the material. Such Vendees or Users assume all risks associated with the use of this material. The contents of this document are subject to change without notice.

Avir Environmental Corporate Mailing

P.O. Box 629
Denver, CO 80151 USA

Email: info@avirenviro.com
Phone: 303.300.1515
Fax: 303.783.0485
Web: www.avirenviro.com

