

## **INITIAL APPLICATION RATE**

### General Information

LakePak WSP is a concentrated microbial product containing billions of Colony Forming Units of a proprietary blend of bacillus bacterial strains, packaged in water-soluble packets. Use LakePak WSP to biodegrade nutrients, organic matter, and hydrocarbons.

### Directions For Use

Initial Application Rate: Apply 3 lbs per acre-foot of water. Toss water-soluble packets into the water dispersing as evenly as possible around the area to be treated. If water temperature exceeds 50°F (10°C) for a six month period, apply another 3 lbs per acre-foot curative midway through the season. Best results are obtained with adequate surface aeration. If surface aeration is not available, apply a maintenance rate of 1 lb per acre-foot every two weeks.

1 Acre-Foot = 325,851 gallons (1234 kiloliters) water.

### COMPATIBILITY

Aquatic herbicides: Do not tank mix with aquatic herbicides or algicides containing copper or bromides.

If these products are used, apply at least one week before initial LakePak WSP application.

Guidelines for using LakePak WSP biological water clarifier and deodorizer:

Because an aquatic ecosystem has many types of organic materials, microbes are quite specific in their choice of food sources. For this reason, LakePak WSP contains several strains of bacteria to provide more consistent results. Figure the size of your lake with the following formula (see label)

To maintain optimum bacterial count, after the initial treatment dose of 3 lbs (6 WSP) per acre-foot, follow up with applications of 1/2 lb per acre-foot, (one LakePak WSP) every two weeks. This is important because rain or inflowing water can introduce a fresh supply of nutrients. LakePak WSP contains facultative bacteria which can survive in aerobic and anaerobic conditions. Anaerobic conditions occur at the pond bottom, leading to the formation of the sludge layer. Facultative

bacteria are responsible for reducing this sludge layer.

Water temperature should be at least 50°F (10°C) and have a pH range of 6-8. Microbial activity is slower at lower temperatures and pH values outside of this range.

If the water body has an inflowing stream, apply LakePak WSP where the stream meets the lake or pond. Aeration is beneficial for proper microbial activity. By maximizing dissolved oxygen, the best possible environment for the bacteria is created. Consider using mechanical aeration such as subsurface aerators and diffusers for extreme situations.

Method

[N.A.](#)

Timings

[N.A.](#)