

# LakePak® WSP®

## Biological Lake Clarifier and Deodorizer

- Improves water clarity and quality
- Reduces odors
- Reduces ammonia, nitrate and phosphorus levels
- Non-toxic to humans, fish and other animals

**FOR PROFESSIONAL USE ONLY**  
**Keep Out of Reach of Children**



**GHS Signal Word: DANGER**

**Hazard Statement:** Causes serious eye damage.

**Precautionary Statements (Prevention):** Wear eye/face protection.

**Precautionary Statements (Response):** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

**Net Contents:**

BASF Corporation  
26 Davis Drive, Research Triangle Park, NC 27709

**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:

$$\frac{(\text{Length} \times \text{Width} \times \text{Avg. Depth})}{43,560} = \text{Acre Feet}$$

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.

## Storage and Disposal

**Storage:** Segregate from foods and animal feeds. Keep away from heat. Protect against moisture. Protect from direct sunlight. Protect from temperatures below 32°F (0°C) and above 113°F (45°C). Changes in the properties of the product may occur if substance/product is stored below indicated temperature for extended periods of time. Water-soluble packets may become brittle in cold storage conditions.

**Waste Disposal of Substance:** Must be disposed of or incinerated in accordance with local regulations.

**Container Disposal:** Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

**Accidental Release Measures:** Do not discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater. For small amounts: Contain with dust binding material and dispose of. For large amounts: Sweep/shovel up. Avoid raising dust. Dispose of absorbed material in accordance with regulations. Collect waste in suitable containers, which can be labeled and sealed. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations.

## State Right To Know Description and CAS # / TSNR

Citric acid / 77-92-9; Proprietary Metal Salt / TSNR 161090809-5027; Polyethoxylate / TSNR 161090809-5127; Chemically derived lignin / TSNR 161090809-5589

## EMERGENCY CONTACT:

**CHEMTREC 1-800-424-9300**

**BASF Corporation 1-800-832-HELP (4357)**

## Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer. BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND BASF'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.** BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

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We create chemistry