

KEEP OUT OF REACH OF CHILDREN

## **LAKE PAK<sup>®</sup> WSP<sup>®</sup>**

A biological lake clarifier and deodoriser.

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

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**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 1.362kg (6 WSP) per 1,200m<sup>3</sup> or 1,200kL of water. Toss water-soluble packets into the water dispersing as evenly as possible around the area to be treated. If water temperature is below 10°C, apply 1.816 - 2.27kg (8-10 WSP) per 1,200m<sup>3</sup> or 1,200kL of water.

### MAINTENANCE RATE

Apply 227g of LakePak WSP (1WSP) per 1,200m<sup>3</sup> or 1,200kL of water every two weeks. If water temperature exceeds 10°C for a six month period, apply another 1.362kg (6 WSP) per 1,200m<sup>3</sup> or 1,200kL of water midway through the season as a curative supplemental treatment. Best results are obtained with adequate surface aeration. If surface aeration is not available, apply a maintenance rate of 454g (2 WSP) per 1,200m<sup>3</sup> or 1,200kL of water every two weeks.

### 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.

### BACTERIAL CONTENT

#### Colony forming units of:

Ammonia (NH<sub>3</sub>) Utilizing Bacteria, Nitrate (NO<sub>3</sub>) Utilizing Bacteria, Phosphorus Utilizing Bacteria, Hydrocarbon Degrading Bacteria, Lignin/ Cellulose Degrading Bacteria

### 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 beneficial bacteria to provide more consistent results. Determine the size of you lake with the following formula:

$$\text{Volume} = \text{Length} \times \text{Width} \times \text{Average Depth}$$

To maintain optimum bacterial count, after the initial treatment dose of 1.362kg (6 WSPs) per 1,200m<sup>3</sup> or 1,200kL of water, follow up with applications of 227g of LakePak WSP (1 WSP) per 1,200m<sup>3</sup> or 1,200kL of water every 2 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 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 maximising 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

Keep LakePak water soluble packets tightly sealed in a plastic bag when not being used. Store in cool, dry location and avoid exposure to direct sunlight. Water soluble packets may become brittle in cold storage conditions and should have minimal handling in cold temperatures (below 4°C).

### KEEP OUT OF REACH OF CHILDREN

Avoid contact with eyes and skin. See material safety data sheet for additional information.

**CONDITIONS OF SALE**

All conditions and warranties rights and remedies implied by law or arising in contract or tort whether due to the negligence of BASF Australia Ltd ABN 62008437867 or otherwise are hereby expressly excluded so far as the same may legally be done provided however that any rights of the Buyer pursuant to non-excludable conditions or warranties of the Competition and Consumer Act 2010 or any relevant legislation of any State are expressly preserved but the liability of BASF Australia Ltd or any intermediate Seller pursuant thereto shall be limited if so permitted by the said legislation to the replacement of the goods sold or the supply of equivalent goods and all liability for indirect or consequential loss or damage of whatsoever nature is expressly excluded. This product must be used or applied strictly in accordance with the instructions appearing hereon. This product is solely sold for use in Australia and must not be exported without the prior written consent of BASF Australia Ltd.

**Lakepak****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.**Utilise within 24 months of date of manufacture.**

Batch No:

Date of Manufacture:

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