



## **Algae Lift Granular**

### **Product Technical Data Sheet**

**Product Code: 22-ALGLIFT**

#### **Product Description**

Algae Lift is a peroxide based treatment that uses oxygen to oxidise the cell wall of algae, bleaching the Chlorophyll-a, making it susceptible to attack from naturally occurring bacteria. It can also be used to clean organic build up and sludge from underwater surfaces such as rocks and pond bottoms.

#### **Uses and Applications**

Algae Lift can be used for full volume treatment as well as spot treatment of problem areas. It sinks, allowing treatment of problem areas below water level. Treated waters can be used without interruption or withholding periods and it leaves only water and oxygen behind.

Algae Lift increases bio-available oxygen as it works so is an ideal combination with biological (bacterial) water treatment products. Algae Lift is recommended to be used in combination with **Biostim Accelerator (FB)** to provide the best clean-up of organic pollutants and rotting vegetation.

Algae Lift can also be used as a cleaning agent to remove organic build up from filters and other equipment with organic fouling.

#### **Dose Rates**

Algae Lift can be used to treat the entire water volume or for spot treatments. It should be applied by spreading or broadcasting over the treatment area where it can sink and attach to the treatment site. If applying to thick surface mats the mats may need to be disturbed so that Algae Lift has good contact with both the treatment site and water in order to dissolve and work effectively.

The effectiveness of Algae Lift can be seen after only a few minutes of application. This is shown by bubbling, bleaching and discoloration of the treated material. This material can then be manually removed by nets/skimers or left for naturally occurring bacteria to digest. Following up with a dose of Biostim FB will speed up this process.

The following dose rates are guidelines that may need to be increased or decreased according to your individual conditions. It is recommended to treat, monitor results and adjust your dose based on these results.

### **Dose Rates for Large Water Bodies - Dams, Lagoons etc.**

Full water volume treatment - 6kg to 36kg per megalitre (million litres)

Surface water treatment - 9kg to 45kg per surface acre

Spot treatment - spread/broadcast approximately 100g per square metre and then adjust dose rate based on results.

**Dose Rates for Small Water Bodies - Fish ponds, water features, stock troughs, water tanks etc.** 20g - 40g per 1000 litres.

Algae Lift may temporarily raise pH in smaller water bodies so a starting pH of 6.8 - 7.8 is preferred. pH levels should naturally come down after a few days but should be monitored in fish ponds or other applications where pH is a concern.

### **Storage**

Store in a cool, dry, well-ventilated area. Keep containers tightly closed when not in use. Inspect regularly for deficiencies such as damage or leaks. Protect against physical damage. Store away from incompatible materials as listed in section 10. Protect from direct sunlight. Keep away from heat sources. Keep away from reactive products. Store in vented containers. This product has a UN classification of 3378 and a Dangerous Goods Class 5.1 (Oxidiser) according to The Australian Code for the Transport of Dangerous Goods by Road and Rail.

### **Safety**

Causes severe eye damage. Severe eye irritation, watering and redness, can cause burns to the eye. Risk of serious or permanent eye lesions. Harmful if swallowed. Severe irritation of the mouth, throat, oesophagus and stomach. Bloating of stomach, belching. Nausea, vomiting and diarrhea. If inhaled causes slight nose and throat irritation. At high concentrations, cough. In case of repeated or prolonged exposure: risk of sore throat, nose bleeds, chronic bronchitis. May cause skin irritation when exposed for long periods of time. Slight irritation. In case of repeated contact: risk of dermatitis.

### **Disposal**

Dispose of in accordance with all local, state and federal regulations.

Disclaimer

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