



## **Water Treats Aquatic Weed Killer**

### **Product Technical Data Sheet**

**Product Code: 22-AQWEEKIL-20**

#### **Product Description**

*Aquatic Weed Killer* is a selective liquid herbicide that controls over 15 major aquatic weeds including floating, emergent and subsurface species.

#### **Uses**

When *Aquatic Weed Killer* makes contact with the green parts of nuisance aquatic weeds (leaves and stems) it is rapidly absorbed producing peroxide that acts like a bleach, desiccating plant tissue and disrupting cell membranes. *Aquatic Weed Killer* is rapidly removed from the water and deactivated by adsorption onto inorganic and organic compounds in the water and sediments. It therefore may be negatively affected by turbid water or if plants are covered with silt or an algal coating. Pre-treatment or combined treatment with *Aquasticker* can break down the outer coating on the target weed allowing *Aquatic Weed Killer* to be more effective.

*Aquatic Weed Killer* can be applied as a dispersible liquid, but it is advisable to use in conjunction with *AquaSticker* when targeting of submerged weed beds requires more effective placement (e.g. penetration of thermal layers in the water) or where slight water movements may compromise contact time with target weed beds.

#### **Ingredients**

*Aquatic Weed Killer* contains the active constituent of 200g/L Diquat ACTIVE CONSTITUENT: 200 g/L DIQUAT present as DIQUAT DIBROMIDE MONOHYDRATE

#### **Dosing and Application**

*Aquatic Weed Killer* can be applied by tank or backpack sprayer, from the air, by boat (either delivered onto the surface or injected beneath the surface by trailing hoses from the boom of the boat) or scuba diver. Choice of application method depends on several factors such as the state of the nuisance weed beds, the extent of the area to be treated and the logistics of the operation.

Situation	Weeds Controlled	Rate	Critical Comments
Aquatic areas	Duck Weeds,  Red Azolla,  Water Hyacinth  Salvinia	5 or 10 L/ha	Apply as an overall spray wetting foliage thoroughly. Clear water is necessary for best results as suspended soil particles interfere with herbicidal action. Use the higher rate for heavy infestations or for deep or dirty water. A repeat application 7 to 14 days later may be necessary for control of dense infestations. Oxygen depletion of decaying weeds may occur; therefore not more than ¼ of the area should be treated at once to ensure adequate oxygen supply for fish.
	Marsilea,  Water Lilies and Water Lettuce	400 mL plus 150 mL Agral per 100 L water	Small areas – spray to wet weeds thoroughly. About 1 mL of product should be sufficient to treat about 1 m <sup>2</sup> .
	Cattail and Pond Weeds	5 L/ megalitre water	Apply by injection below the surface or as a surface spray.

NB. 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.

### **Storage**

This product is a Scheduled Poison. Observe all relevant regulations regarding sale, transport and storage of this class of poison. Store in a cool, well ventilated area. Check containers periodically for corrosion and leaks. Containers should be kept closed in order to minimise contamination. Refer to the MSDS and packaging label for further storage instructions.

### **Safety & First Aid**

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available 24 hours a day, seven days a week. Please refer to the MSDS for detailed actions to take if the possibility of poisoning is suspected.

## **Disposal**

Special help is available for the disposal of Agricultural Chemicals. The product label will give general advice regarding disposal of small quantities, and how to cleanse containers. However, for help with the collection of unwanted rural chemicals, contact ChemClear 1800 008 182 <http://www.chemclear.com.au/> and for help with the disposal of empty drums, contact DrumMuster <http://www.drummuster.com.au/> where you will find contact details for your area.

## Disclaimer

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