



AQUATIC  
TECHNOLOGIES



# COPTROL

## Control Algae in Drinking Water

### Can Coptrol be used in drinking water?

Yes. Coptrol is highly effective and proven method of eliminating blue green algae in potable water supplies.

### Is it approved?

Coptrol is approved by the APVMA (Australian Pesticides and Veterinary Medicines Authority) for application in potable water (water suitable for drinking) reg no. 31030 and can be sprayed, dripped or flown onto waterways to treat blue green algae.

### What species of algae are most important?

The most important group of algae affecting potable water supplies are those described as blue greens.

There are a number of species of blue green algae and many of them produce highly toxic compounds that directly target either the liver or central nervous system. In their purified form these toxins are more potent than either arsenic or cyanide.

When a potable water storage system is contaminated by blue green algae it is important to minimise algal cell growth as algae cell population is directly linked to toxic concentration. Large blooms invariably lead to higher levels of toxin in the water.

### Early treatment best

We recommend early treatment as this strategy ensures large numbers of toxin producing blue green algal cells can be prevented from developing into a bloom, it also ensures the most cost effective use of COPTROL.

### If algae is a problem in your drinking water supply follow this 5 step method to keep your waters clear and bright.

1. First identify the algae present.
2. Now calculate the volume of water to treat. Ignore depths below 1 metre. We have a page which explains the methods used to determine the amount of water to treat.
3. Next calculate the amount of Coptrol needed. An easy way to calculate is:
  - If the algae is fine and free floating use 2 mL of Coptrol per 1000 Litres (1 cubic metre) of water. That is equivalent to 2 Litres of Coptrol per 1000 square metres of surface area
  - If the algae is long and stringy use 5 mL per 1000 litres of water (1 cubic metre) or 5 Litres per 1000 square metres of surface area.
4. Dilute the required amount of Coptrol using a 1:10 or even a 1:20 Coptrol water dilution.
5. The best application method is by spraying. Apply on a sunlit wind free day when algae first appear.

If you still need help call Aquatic Technologies at no cost to you.