

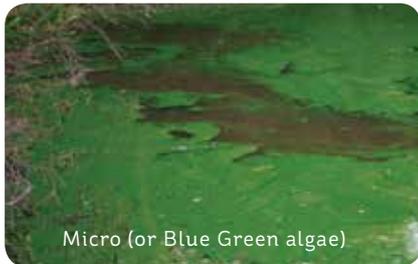


# AQUATIC TECHNOLOGIES

[www.Coptrol.net.au](http://www.Coptrol.net.au)



Macro (or filamentous algae)



Micro (or Blue Green algae)



## Your Guide to Identifying & Controlling Aquatic Algae

### How to Identify Algae - there are two main types

#### 1. Macro (or Filamentous Algae)

Filamentous algae is green in appearance and sometimes brownish in colour if exposed to strong sunlight. It appears floating on the waters surface, amongst submerged rocks or in the shallows of dam and lake edges. It is stringy and looks like floating scum on the water surface. It is an indication of high nutrient loads in the water body.

If left untreated, it can:

- Block irrigation pumps
- Cause a strong odour and distinct rotten egg smell
- Detract from the visual look of the water body
- Turn into an algae bloom and take over the water body

#### 2. Micro (or Blue Green Algae)

Micro algae can contain toxins such as in Blue Green Algae. Micro algae looks like a green oil slick or paint on the waters surface and tends to congregate in down wind edges of dams and lakes.

This form of algae can be toxic to humans, domestic or native animals and birds. It is of most concern when people are in contact with water contaminated with toxic Blue Green Algae, if it is used for irrigation and staff are handling the water it can pose an OH&S risk. If the public has access to the water, it can be a duty of care risk.

### How to Control Algae

**Coptrol** is an aquatic algaecide that is safe and easy to use, APVMA approved and does not harm fish, livestock, plants, pastures or turf irrigated with water treated with Coptrol. (When used in accordance with label instructions.) It is the new generation Algaecide and is safe for use in potable (Drinking Water) for the control of Algae.

#### **Coptrol is easy to use**

Mix one part Coptrol with 20 parts water in a knapsack sprayer and spray around the water body edge, spraying towards the centre of the water body as evenly as possible.

#### **How much do I need?**

1 litre of Coptrol will treat up to 200,000 litres of water or 500sqms of water surface area. (Depending on Algae type and size of infestation) Coptrol is also available in 20 litres, 200 litre and 1000 litre IBC.

#### **How often do I need to use it?**

Generally one application is enough, however if the algae infestation is severe, repeat after 10-14 days as necessary.



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[www.Coptrol.net.au](http://www.Coptrol.net.au)

Coptrol > Application Rates



The volume of the water body should be calculated before treating with Coptrol. Do this by measuring the surface area & multiplying it by the average depth down to 1 meter (you can ignore depths below 1 meter).

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Coptrol is a commercial grade algaecide, APVMA approved and easy to apply.

Water treated with Coptrol (when used in accordance with label instructions) will not harm fish, livestock, plants, pastures or turf irrigated with Coptrol.

It is a new generation Algaecide and is safe for use in potable (Drinking Water) for the control of Algae.

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#### Application Rates:

The Coptrol application rate depends on the degree of algae infestation, the kinds of algae present & the depth of water to be treated.

#### For Tanks & Troughs:

Apply 2 to 5mL Coptrol per 1,000 litres of water to be treated.

#### For Dams, Ponds and Water Impoundments, including potable water storages:

Apply 4.2 to 8.4 litres of Coptrol per 1,000 square meters of water surface area at an average water depth of 1 meter or greater, or 5 to 10L of Coptrol per 1 mega-litre of water.

#### How to Apply:

Simply dilute the measured amount of Coptrol 1 part product to 10 or 20 parts water. Once diluted, it can be applied from horticulture sprayers, knapsack sprayers or even from a bucket. Apply evenly over the water's surface.

#### For Best Results:

Apply Coptrol evenly to the water's surface on a bright sunlight, calm, wind-free day. Ensure the water temperature is not below 16 degrees Celsius. In ponds containing fish, ensure the carbonate hardness of the water is lower than 50ppm. Treat the shoreline first to avoid trapping fish in the shallows and only treat 1/3 of the area at a time to avoid oxygen depletion. Allow 10-15 days for oxygen levels to recover before continuing treatment.

#### How often do I need to use it?

Generally one application is enough. However, if the algae infestation is severe, repeat after 10-14 days as necessary.

*Always read the label directions & use as directed by the label.*

ORDER ONLINE AT: [www.coptrol.net.au](http://www.coptrol.net.au)