

COPCID E ALGAECIDE

Analysis: 105g/L Copper as Mixed Copper Complexes (Poison Schedule 6)

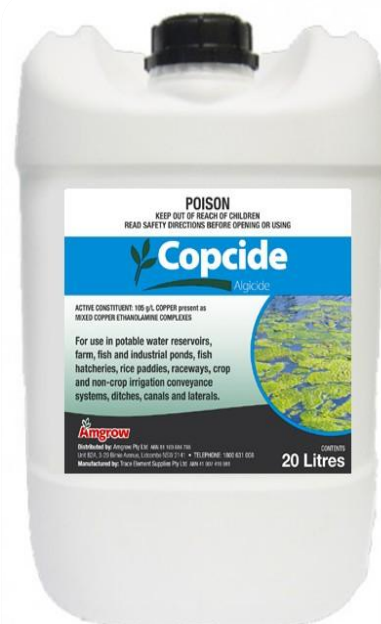
Copcide is a broad spectrum algaecide containing 105g/L of Copper in the form of Ethanolamine complexes. Copcide is registered for the control of planktonic and filamentous algae species in a variety of aquatic situations including irrigation dams, aquaculture and potable water supplies.

Similar to many herbicides, Copcide possesses a contact mode of action. The Copcide molecules must physically come into contact with the algal cells or filaments in order to cause algal death, with little to no intracellular or systemic movement of the copper. This makes the application method of Copcide crucial in ensuring effective coverage, contact and control of the algal population.

Copcide Benefits:

- Copper complex technology reduces the likelihood of copper impacting on non-target species of aquatic plants.
- Reduced likelihood of copper precipitation in hard water due to complex technology.
- Preventing copper loss to precipitation reduces application rates and prevents staining.
- Broad spectrum control for use on a wide range of both filamentous and planktonic/unicellular algae species including Blue/Green Algae.
- Ideal for use in an integrated aquatic management plan with other specialty products.
- Safe for use in water bodies inhabited by fish and other aquatic plant life.
- Persists in water bodies for longer.

Pack Sizes: Available in 20L



Application:

The type of algae present governs the recommended active ingredient output AI mg/L requirement as per the below table. Once the required volume of Copcide is determined, dilute at 1:10 ratio with water and apply evenly over the water surface. Copcide is best applied in calm sunny conditions with a knapsack sprayer over the water surface.

Directions for Application:

SITUATION	ALGAE TYPE	RATE AI mg/L
Irrigation storage	Planktonic / Unicellular	0.2-0.5
Farm Dams	Filamentous / Mat-forming	0.5-1.0
Ornamental Lakes	Branched, Plant-like algae	0.5-1.0
Potable Water Supplies		



Filamentous Algae



Branched Algae



Planktonic Algae

COPCID E RATES FOR AI ACHIEVING RECOMENDED AI OUTPUT

Water Volume L	0.2 mg/L AI Rate	0.5 mg/L AI Rate	1.0mg/L AI Rate
1,000	2ml	5ml	10ml
5,000	10ml	25ml	50ml
10,000	20ml	50ml	100ml
50,000	100ml	250ml	500ml
100,000	200ml	500ml	1L
500,000	1L	2.5L	5L
1,000,000	2L	5L	10L
5,000,000	10L	25L	50L
10,000,000	20L	50L	100L