

Product Name: AgriTec Copper Sulfate Aquatic Algaecide  
APVMA APPROVAL No: 89177/123857



Label Name:	AgriTec Copper Sulfate Aquatic Algaecide
Signal Headings:	POISON KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Constituent Statements:	226 g/L COPPER SULFATE PENTAHYDRATE sufficient to give 60 g/L COPPER Also contains 56 g/L SULFURIC ACID
Mode of Action:	
Statement of Claims:	For the control of most types of blue-green algae in irrigation canals, farm dams, industrial ponds, ornamental ponds, raceways, rice paddies, and potable water supplies
Net Contents:	CONTENTS 1 L, 15 L, 200 L
Restrains:	See attached file
Directions for Use:	This section contains file attachment.
Other Limitations:	
Withholding Periods:	WITHHOLDING PERIOD: NOT REQUIRED WHEN USED AS DIRECTED
Trade Advice:	
General Instructions:	GENERAL INSTRUCTIONS

	<p>AgriTec will eliminate a broad range of algae and control the growth of resistant species in various situations.</p> <p>Treat shoreline areas first to avoid trapping fish in shallows. In ponds containing fish, treat only 1/3 of the area at a time to avoid oxygen depletion of the water caused by decaying vegetation. Allow 10-15 days for oxygen levels to recover before continuing treatment.</p> <p>Water treated with AgriTec is suitable for use on plants, e.g. water of sports grounds and ornamental plants.</p>
--	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Resistance Warning:	
---------------------	--

Precautions:	<p><b>PRECAUTION</b></p> <p>Do not use containers which have held product for any other purpose.</p>
--------------	------------------------------------------------------------------------------------------------------

Protections:	<p><b>PROTECTION OF LIVESTOCK WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT</b></p> <p>1. Fish - This product may be toxic to trout and other species of fish depending on water hardness. DO NOT treat water containing trout if the water is soft, i.e. the carbonate hardness of the water is lower than 50 ppm. DO NOT treat if water temperature is below 16 degrees C.</p> <p>Treated waters cannot be discharged into rivers, streams, creeks, billabong, lakes or wetlands without a licence from the Environmental Protection Agency (EPA).</p> <p>2. Plants - Water treated with this product will not adversely affect plants and may be used immediately to water fairways, putting greens and ornamental plants.</p> <p>3. Other - Swimming or fishing will not be affected by water treated with this product.</p> <p>4. DO NOT treat dams used for drinking purposes by sheep grazing on Ragwort.</p> <p>5. DO NOT use on areas where large numbers of waterfowl are foraging on filamentous algae.</p>
--------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Storage and Disposal:	<p><b>STORAGE AND DISPOSAL</b></p> <p>Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight. Store product above 4 degrees C (Do Not Freeze). Triple-rinse containers before disposal. Add rinsings to water supply being treated. Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point.</p> <p>If not recycling, break, crush, or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.</p>
-----------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Safety Directions:	<p><b>SAFETY DIRECTIONS</b></p> <p>Harmful if swallowed. Will irritate the eyes, nose, throat and skin. Product is strongly acidic. Avoid contact with eyes and skin. Do not inhale vapour or spray mist. When using the product, wear cotton overalls over normal clothing buttoned to the neck and wrist and a washable hat, elbow-length chemical resistant gloves and goggles. Wash hands after use. After each day's use, wash gloves, goggles and contaminated clothing.</p>
--------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

First Aid Instructions:	<p><b>FIRST AID</b></p> <p>If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26; New Zealand 0800 764 766. If swallowed, do NOT induce vomiting. If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.</p>
-------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

First Aid Warnings:

--

## RESTRAINTS

AgriTec may be toxic to Australian native fish and crustaceans even in hard water. In water containing native fish, the product should be used with extreme caution and only where the algal infestation poses a serious threat to native fish.

DO NOT USE on fish intended for human consumption.

DO NOT allow bystanders to come into contact with the spray cloud.

DO NOT apply by ground boomspray.

DO NOT apply by aircraft unless the following mandatory buffer zones are observed:

Droplet size	Bystander buffer zone (metres)	
	Fixed wing aircraft	Helicopter
Coarse	10	16
Medium	32	32

## RE-ENTRY

DO NOT enter treated areas until spray has dried. If prior entry is necessary wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

## DIRECTIONS FOR USE

SITUATION	PEST	DOSE RATE (mg/L) Refer to dilution table below.	CRITICAL COMMENTS
Farm dams and ponds, irrigation canals, ornamental lakes, industrial ponds, raceways and potable water supplies, excluding rivers, streams, creeks, billabongs, lakes or wetlands	1. Free floating algae such as Euglena, Microcystis (Anacystis), Aphanizomenon, Oscillatoria, Dictyosphaerium, Anabaena	0.2 - 0.5 mg/L Copper	Apply in bright sunlight and when algae are first evident. Remove any large floating mats of algae before applying AgriTec. Apply only on a calm, wind free day to the water surface.  If heavily infested, re-treat after 10-14 days as necessary.
	2. Filamentous algae, such as Spirogyra, Chlorella, Hydrodictyon, Cladophora, Oedogonium	0.5 - 1 mg/L Copper	
	3. Chara and Phormidium algae	0.5 - 1 mg/L Copper	
<b>Preventative</b>			
Aerial Sown Rice	Blue green algae	3.6 L/ha Ideal conditions for average water depth up to 10 cm  5.4 L/ha For average water depth 10-15 cm  7.1 L/ha When average water depth exceeds 15 cm	Apply 7-10 days after sowing as a sole spray or in tank-mix with standard herbicide treatments. When applied as a sole spray, use not less than 20 L of water per litre of AgriTec. The effectiveness of this product depends on its concentration. Use of lower rate in deepwater conditions will inhibit results.
<b>Remedial</b>			
Rice – Aerial and Drill Sown	Blue green algae	3.6 – 8.9 L/ha	Use lower rates in shallow water when algal filaments first become apparent. Use higher rates in deepwater and where algal bloom is smothering emerging rice seedlings.

Average Water Depth	Dilution Rate		
	Amount of AgriTec per 1000 sq metres for desired Copper content		
	0.2 mg/L Copper	0.5 mg/L Copper	1.0 mg/L Copper
10 cm	340 mL	850 mL	1.67 L
30 cm	1 L	2.5 L	5 L
60 cm	2 L	5 L	10 L
90 cm	3 L	7.5 L	15 L
100 cm	3.33 L	8.33 L	16.67 L

Note: Algae generally grow in the first metre of water. The above table has been designed to treat water only down to that depth.

**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.**