



ALGAECIDE

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Algae in pools is very common in Australia and New Zealand. In favorable conditions, your pool can turn from a sparkling beauty into a green ugly duckling, overnight. Fortunately, the most common green algae, is easy to treat.

What causes algae in pools?

Warm Temperature, sunlight, poor circulation, low chlorine levels, pH imbalance, inadequate filtration, organic mater such as leaves, heavy rainfall.

To prevent algae growth, it's important to maintain proper water chemistry by testing and adjusting chlorine levels, pH, alkalinity, and other chemical parameters. Regular brushing, skimming and vacuuming of the pool, maintaining proper water circulation, and ensuring adequate filtration are also crucial. Shocking the pool with a higher dose of chlorine can help kill existing algae blooms. Regular use of preventative algaecides such as Hy-Clor Longlife Algaecide (green algae) and Hy-Clor Blackout (black algae) do a great job in minimising algae breakouts.

What does copper in algaecide mean?

Copper compounds are added to some algaecides as it is very effective at disrupting photosynthesis and killing algae. Our stronger algaecides usually contain copper. If your pool water is already high in copper (above 0.5ppm) there is a risk of copper staining. In this instance you are better off using a non-copper based algaecide such as Hy-Clor Algaecide or Green Blaster.

What are phosphates

Phosphates are naturally occurring chemical compounds that contain phosphorus. The problem with phosphates is that algae loves it as they are algae's main nutrient source. One pound of phosphate can produce 700 pounds of algae (Rhodes F, O Stone R. (1981) Language of Earth (pg 372).

Phosphates can be introduced into pools via rainwater, organic debris such as leaves, tap water, sunscreens, fertilisers and lawn care products, body oils and sweat.

Hy-Clor Phosphate Remover removes phosphates from pool water and is very effective when used in conjunction with an algaecide.



Types of Algae



GREEN ALGAE

By far, the most common. Appears quite easily but fortunately, it is also relatively easy to control and remove.



YELLOW OR MUSTARD ALGAE

Much rarer, but it's more difficult to get rid of. Super chlorination usually works well.



BLACK ALGAE

The toughest type of algae to get rid of but nothing that an algae brush and Hy-Clor Black spot remover or Blackout can't handle.



TURN OVER FOR PRODUCT SELECTION CHART

	SUITABLE FOR					POOL TYPE				POOL SURFACE					STRENGTH INDICATION
	GRANULAR / LIQUID / TABLET	ACTIVE INGREDIENTS	GREEN ALGAE	MUSTARD ALGAE	BLACK SPOT ALGAE	CHLORINE	SALT / MINERAL	CONCRETE	PEBBLE CRETE	MARBLE SHEEN	VINYL	FIBREGLASS			
Phosphate remover (I/N: 3090143)	Removes phosphates which is the algae's food source	150g/L Lanthanum chloride											N/A		
Blackspot and algae remover (I/N: 3090059)	Concentrated, slow dissolving granular algaecide - apply to area	900g/kg chlorine present as trichloroisocyanuric acid													
Super Algaecide (I/N: 3090322)	Our most powerful algaecide to help eradicate algae in pools	400g/L Benzalkonium Chlorine													
Algaefree Pool Blocks (I/N: 3091006)	Slow release algaecide tablets - for prevention of algae	64g/L Copper present as copper Sulphate Pentahydrate													
Algaefree Pool Drops (I/N: 0151009)	Slow release, long life algaecide liquid - for prevention of algae	60g/L Copper present as copper Sulphate Pentahydrate													
Salt Active Algaecide (I/N: 3090350)	Liquid algaecide specifically developed for salt water pools	18.2g/L Copper present as copper salts. 96g/L Benzalkonium Chlorine													
Blackout (I/N: 3090189)	Copper based, concentrated algaecide. Used to prevent and kill blackspot	96g/L Benzalkonium Chlorine, 18.2g/L Copper present as blend of copper salts													
Green Blaster (I/N: 3090321)	High strength liquid algaecide - Used after heavy pool use and on mild algae blooms	250g/L Benzalkonium Chlorine													
Longlife Algaecide (I/N: 3090187)	Long lasting copper based preventative algaecide	40g/L Copper present as cupric ammonium complex													
Algaecide (I/N: 0337532)	Fast acting liquid algaecide - Ongoing prevention	150g/L Benzalkonium Chloride													