



Magnacide™ H Herbicide

'Aquatic weed control' in Irrigation channels and dams (enclosed waters)

Product overview

For over 50 years Magnacide™ H Herbicide has provided effective control of submersed aquatic weeds and algae in both lined and unlined irrigation canals and enclosed waters. Magnacide™ H Herbicide has proven extremely successful in keeping water systems clear of unwanted submersed aquatic weeds. In irrigation canals it provides a continuous supply of water to customers and frees enclosed waters from aquatic weed issues.

Mode of action

| | | |
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| GROUP | | HERBICIDE |
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Uses

Magnacide™ H Herbicide does not accumulate in crops, soil or ground water.

ADAMA and Alligare provide a product stewardship program where accredited applicators and customers receive complete and ongoing application training as well as access to technical sales support.

Magnacide™ H Herbicide has been used in Australia from the early 70 's. It is a restricted use S7 chemical that can only be applied by an accredited operator. Sales of this product are restricted by ADAMA in Australia.

Acrolein is the main active in Magnacide™ H Herbicide is a toxic and flammable substance in its pure form. Public and user safety is managed as Magnacide™ H Herbicide is applied using a safe enclosed system below the water surface.

Below surface applications are made by accredited operators "only" using specialised application equipment. (A recognised APVMA approved re-accreditation system is in place with auditing protocols in place.)

A calculation is made to assess the volume of water contained within the water body and a treatment rate of between 7-8 ppm and 15 ppm is selected depending on the density of the weeds. The maximum label rate is 15 ppm.

It must be noted that during application Magnacide™ H Herbicide is toxic to fish and therefore should not be used where fish are considered a resource.

Using the Magnacide™ H Herbicide monitor users can immediately test water samples for Magnacide™ H Herbicide residues. Other chemicals used require water samples to be sent to a laboratory for testing.

Accredited contractors can be organised to apply Magnacide™ H Herbicide, making it a simpler process. Applications can be made with flexibility to suit your needs.

Magnacide™ H Herbicide (Acrolein) is highly reactive and has a short half-life in water (4-5 hours) with treated water being able to be released within 72 hours or utilised for irrigation immediately.

Submerged Aquatic weeds are becoming more prevalent in enclosed waters with clients looking for control options.

Magnacide™ H Herbicide controls efficiently and effectively a wide range of submerged aquatic weeds.

Magnacide™ H Herbicide

Magnacide™ H Herbicide controls the following:

All Submersed and Floating Weeds and Algae.

Commonly occurring examples are:

- *Anabaena circinalis* (bluegreen algae)
- *Chara spp.* (stoneworts)

- *Spirogyra spp.* (filamentous green algae)
- *Elodea Canadensis* (water weed)
- *Potamogeton foliosus* (leafy pondweed)
- *P. ochreatus* (blunt pondweed)
- *P. pectinatus* (sago pondweed)
- *Vallisneria gigantean* (ribbonweed)

Magnacide™ H Herbicide results



Picture 1. Golf Club enclosed waters pre application and
Picture 2. Golf Club enclosed waters 7 days after application.



Picture 3. Impounded Lake Pre-application and
Picture 4. Impounded Lake 2 weeks Post application

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For more information visit: adama.com

For Customer Enquiries: **1800 4 ADAMA**