



DANGER

KEEP OUT OF REACH OF CHILDREN

AQUATHOL® K

Herbicide

Herbicide for the control of submerged aquatic weeds in lakes and waterways

Active ingredient

Contains:

507 g/L ENDOTHALL as the dipotassium salt in the form of a soluble concentrate

Group	31	Herbicide
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Net contents: 9.46 L

Bar code to be inserted

PLEASE READ THE LABEL COMPLETELY BEFORE USE

This product **MUST NOT** be used for any purpose or in any manner contrary to the controls and conditions of registration.

This product **MUST** be under the control of a Certified Handler. Tracking applies – the location and movement of this product must be recorded at each stage of its life cycle.



DANGER

Toxic if swallowed.

Fatal in contact with skin.

Toxic if inhaled.

Causes serious eye damage.

May cause damage to organs through prolonged or repeated exposure.

Very toxic to aquatic life.

Hazardous to soil organisms.

Hazardous to terrestrial vertebrates.

PRECAUTIONARY STATEMENTS

PREVENTION

Do not get in eyes, on skin, or on clothing.

Avoid breathing spray.

Use only outdoors or in a well-ventilated area.

Wash hands thoroughly after handling.

Do not eat drink or smoke while using this product.

Wear protective gloves/ protective clothing.

Wear eye protection / face protection.

Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area.

RESPONSE

IF SWALLOWED: Immediately call a POISON CENTRE or doctor. Rinse mouth.

IF ON SKIN: Gently wash with plenty of soap and water.

Immediately call a POISON CENTRE or doctor.

Remove immediately all contaminated clothing.

Wash contaminated clothing before reuse.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Call a POISON CENTRE or doctor.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTRE or doctor. Get medical attention if you feel unwell.

Collect spillage.

STORAGE

Store in a well-ventilated place. Keep container tightly closed. Store locked up.

Dispose of contents/container in accordance with local regulations.

Apply with well-maintained and calibrated spray equipment.

Tracking records **MUST** be kept.

DO NOT carry on a passenger service vehicle.

Application, storage and record keeping should be as described in the Management of Agrichemicals NZS8409.

DISPOSAL

Dispose of contents/container in accordance with local regulations.

Container disposal: Ensure the container is empty. Triple rinse empty container and add rinsate to the spray tank. Recycle empty container through Agrecovery® (0800 247 326, www.agrecovery.co.nz). Otherwise crush and bury in a suitable landfill. DO NOT reuse this container for any other purpose.

Product disposal: Dispose of this product only by using according to the label, or at an approved landfill or other approved facility.

SPILLAGE

Wear suitable protective clothing including face shield, impervious gloves and boots. Prevent the product or spilled material from entering water bodies. Absorb liquid spills with inert material such as earth or sand and place in waste containers. Wash area with water and absorb with further inert material. Dispose of safely.

SAFETY DATA SHEET

If additional hazard or safety information is required, refer to the Safety Data Sheet. For a copy visit our website at www.upl-ltd.com/nz.

EXCLUSION OF LIABILITY – PLEASE READ

To the extent permitted by law, buyers and/or users of the goods accept that neither the manufacturer, UPL New Zealand Limited as distributor, nor any other distributor have any liability or responsibility whatsoever for any loss, damage or injury whether in contract or tort, whether direct, indirect or consequential howsoever arising in connection with the supply of these goods.

Distributed by:

UPL New Zealand Ltd

PO Box 51584

Pakuranga 2140

Auckland

Phone: 0800 100 325

www.upl-ltd.com/nz

Determined by ACVM Group not to be an Agricultural Compound.

Approved pursuant to the HSNO Act 1996. Approval Code HSR000946.

See www.epa.govt.nz for approval controls.

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Batch number:	
Date of Manufacture:	

In a transport emergency dial 111, Police or Fire Brigade.

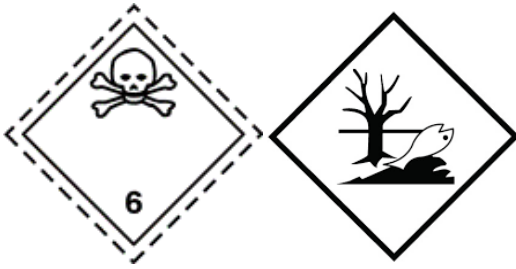
For specialist advice in an emergency only, call 0800 CHEMCALL (0800 243 622)

UN 2902

PROPER SHIPPING NAME

PESTICIDES, LIQUID, TOXIC, N.O.S. (endothall).

PACKING GROUP III, HAZCHEM 4W



GENERAL INFORMATION

AQUATHOL K is recommended for use in lakes and waterways for the control of weeds growing below the water surface (i.e. submerged weeds). **AQUATHOL K** is applied to the surface of water or injected below the surface of the water in concentrate or diluted form over the weed mass. Application should be made when water is quiescent and/or flows are minimal.

AQUATHOL K is a contact herbicide. Weeds should be actively growing at the time of treatment. Water movement off target must be avoided. Full weed control may take 4 weeks or more and initial symptoms may take 2 - 10 days to become evident.

For monitoring purposes, increasing levels of herbicide damage are indicated by:

loss of growing tips, loss of leaves, stem damage, and weed bed collapse.

Follow procedures that eliminate off target movement of treated water.

RESTRICTIONS ON USE

EPA Permission: No person may apply or otherwise use **AQUATHOL K** unless that person first obtains a permission from the Authority or delegated authority under section 95A of the Hazardous Substances and New Organisms Act 1996.

Environmental warning: Treatment of aquatic plants can result in oxygen loss from decomposition of dead plants. This loss can cause fish suffocation. Water bodies containing very high plant density should be treated in sections to prevent suffocation of fish.

DIRECTIONS FOR USE

Rate: Apply 3-5 ppm of the active ingredient, calculated to treat the volume of the weed bed targeted.

For selected dose rates in L/ha, refer to the table below.

Weeds controlled at rates of 3 – 5 ppm of active ingredient (see table below for dose rates).

Susceptible weeds include, in order of susceptibility:	<i>Hydrilla verticillata</i> , <i>Ceratophyllum demersum</i> , <i>Lagarosiphon major</i>
Moderately susceptible weeds include:	<i>Potamogeton crispus</i> is less susceptible and may not be controlled.
Moderately affected and resistant weeds include:	NZ native tall-growing submerged plants such as <i>Myriophyllum</i> and <i>Potamogeton spp.</i> These usually suffer minor damage only.
<i>Nitella</i> and <i>Chara spp</i> (native) and the introduced weeds <i>Egeria densa</i> and <i>Elodea canadensis</i> are not affected by AQUATHOL K .	

Depth (top to bottom) of weed height	Dose of AQUATHOL K in L/ha (10,000 m ²) for various concentrations to be applied into the target area		
	3.0 ppm	4.0 ppm	5.0 ppm
250 mm	15	20	25
500 mm	30	40	50
1.0 metre	60	80	98

APPLICATION

Applications can be made using directed sprays using a handgun sprayers or boom sprayers. Boom sprayers may be mounted on boats or aircraft. It may also be applied from a boat by injecting through trailing hoses below the water surface. Do not allow any persons entry (without personal protective equipment) to the operational area while treatment is in progress.

For aerial applications, do not allow any persons entry (without personal protective equipment) to within 200 m of operational areas while treatment is in progress. Consider the potential for spray drift. Weeds controlled at rates of 3-5 ppm of active ingredient (see table for dose rates). Use lowest dose rate when treating susceptible weeds in situation where water movement and dilution are minimal and favour maximum contact times.

EQUIPMENT

Apply with well-maintained and calibrated spray equipment.