TOXIC
Keep out of reach of children

READ THE LABEL CAREFULLY BEFORE USE

AQUATHOL®1 K

aquatic herbicide

A herbicide for the control of submerged aquatic weeds in lakes and waterways

Contains:
507g/Litre endothal as the dipotassium salt in the form of a soluble concentrate

NET CONTENTS:
9.46 Litres
(2.5US Gal)

Distributed By:
Aquatic Weed Control Ltd.
P.O.Box 11-014 Dunedin
Phone: 03 454 4442 / 027 221 4739
Imported By:
Elliott Technologies Limited
45 Kitchener Road, Pukekohe, New Zealand.
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cerexagri

Elliott®

TOXIC If ingested or inhaled. **VERY TOXIC** in contact with skin.
CORROSIVE Causes irreversible eye damage.
ECOTOXIC to Terrestrial Vertebrates, Aquatic Life and Soil Life.

HSNO Class: 6.1B, 8.3A, 6.9B, 9.1A, 9.2A, 9.3B
Approved Handler and Tracking apply
This product must be under the personal control of an approved handler (Aquatic strand) or secured
Location and movement of this product must be recorded at each stage of its life cycle

ENVIRONMENTAL WARNING:
VERY TOXIC TO AQUATIC LIFE. TOXIC TO FISH: AQUATHOL K®1 is not toxic to fish at recommended herbicidal rates, however de-oxygenation of water may occur from decay of dense weed beds. This loss of oxygen may harm aquatic life, particularly fish. This risk is greatest in enclosed, still, nutrient rich waters with a high proportion of weed. In such cases treat not more than 25% of the volume of the waterbody at any time and wait 7 days between treatments.

AQUATHOL K may affect the ability of migrating freshwater fish to become salt tolerant seagoing fish. Avoid use in water ways that are close to estuarine bodies of water when fish are migrating.

VERY TOXIC TO TERRESTRIAL PLANTS. AQUATHOL K is not deactivated by soil, clay and organic particles and it may move in waterways. Allowance must be made for this when determining the 'APPLICATION AREA' and where water may be taken.
Toxic to terrestrial vertebrates.

HEALTH WARNING: TOXIC may be fatal if swallowed, inhaled or absorbed through the skin. Presumed to cause damage from repeated oral exposure at high doses to liver, kidneys and gastrointestinal tract. This product is corrosive and may cause eye damage.

Symptoms of poisoning: Severe eye irritation. Breathing difficulties, followed by convulsions.
First Aid: If swallowed do NOT induce vomiting. For advice, contact the National Poisons Centre **0800 POISON (0800 764 766)** or a doctor immediately. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

ATTENTION – RESTRICTIONS APPLY
RESTRICTIONS ON THE USE OF TREATED WATER:

The following withholding periods apply to the taking of water for drinking, watering livestock, or preparing agrichemical sprays or irrigation, unless it can be shown that the water at the point of take has concentrations of dipotassium endothal below the TEL water (0.28 ppm)and EEL water (0.086 ppm) values established, as applicable

- 14 days following application with up to and including 4.25 ppm dipotassium endothal;
- 25 days following application with up to and including 5 ppm dipotassium endothal.
- No taking of fish for consumption or use as feed within 3 days of application of the substance.
- No swimming shall be permitted in the treated water body within 24 hours of application of the substance.

RESTRICTIONS ON USE
ERMA 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.

Contact Aquatic Weed Control Ltd. or ERMA at 0800 376 234

AQUATHOL K may only be applied or used by, or under the direct supervision of, an approved handler who has undergone specialised training in the application of hazardous substances to water. This should be at least to the level of GROWSAFE Registered Chemical Applicator with inclusion of the Level 4 optional "Aquatic strand" or to some other appropriate (but equivalent) level of proficiency.
Tracking is required during the sale, purchase and use of AQUATHOL K

Tracking includes a requirement to identity the approved handler and provision of information on the identification, quantity, location and disposal (including use) of **AQUATHOL K**

HANDLING PRECAUTIONS: Avoid contact with, eyes. Wear eye protection when measuring, mixing and applying. Wear protective clothing including gloves and chemical proof overalls, worn outside of boots. Do not eat or drink while using. Wash hands and face before meals and after work. Wash protective clothing after work. Store in original container away from food seeds and feedstuffs.
STORAGE: Store in original container tightly closed and in a locked, dry, cool, well ventilated area, away from foodstuffs. Storage must be generally in accordance with NZS8409 Management of Agrichemicals. See the Safety Data Sheet for further information.
CONTAINER DISPOSAL: Triple rinse container and add residue to spray tank. Burn if permitted and circumstances, especially wind direction allow, otherwise bury in landfill.
PRODUCT DISPOSAL: Ensure that any unwanted product is used by another operator according to label recommendations.
SPILLAGE: Wear appropriate clothing. Block drains if possible and notify the local regional council. Dispose of contaminated material safely and in accordance with local by-laws. In case of large spillages which may endanger human life, inform the Fire Service immediately, and then your local health protection officer at your District Health Board or hospital.
SIGNAGE: is required where more than 100 kg of **AQUATHOL K** is stored.

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 to 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.

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 litres/ha, refer to the table below.

APPLICATION METHODS: 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 200m 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 below for dose rates).

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

Depth (top to bottom) of weed height	DOSE OF AQUATHOL K IN LITRES / HA (10,000 M2) 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

Use lowest dose rate when treating susceptible weeds in situation where water movement and dilution are minimal and favour maximum contact times.

Exclusion of Liability: Please Read
To the extent permitted by law, buyers and/or users of the goods accept that neither the manufacturer, Elliott Technologies 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.

HSNO Approval Code HSR000946

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170W X 170H