

# WEEDTRINE®-D

## AQUATIC HERBICIDE

E.P.A. Reg. No. 8959-9

E.P.A. Est. No. 42291-GA-1

### FOR USE IN AND AROUND STILL LAKES - PONDS - DITCHES

#### ACTIVE INGREDIENT

Diquat dibromide [6,7-dihydrodipyrrodo (1,2-a:2',1'-C) pyrazinedium dibromide] . . . 8.53%

**INERT INGREDIENTS** . . . . . 91.47%

**WEEDTRINE-D** CONTAINS 0.4 lb. diquat cation per gallon as 0.746 lb. salt per gallon.

KEEP OUT OF REACH OF CHILDREN

### WARNING

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

ONE GALLON (3.78 Liters)

applied biochemists

Milwaukee, WI 53022

390301 SW 9/98

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### STATEMENT OF PRACTICAL TREATMENT

#### FIRST AID

**If Swallowed:** **IMMEDIATELY** give water or milk to drink and induce vomiting by inserting finger in throat. Do not induce vomiting or give anything by mouth to an unconscious person. Take person and product container to nearest hospital or physician fast. **PROMPT TREATMENT IS ESSENTIAL TO COUNTERACT POISONING** and should be initiated before signs and symptoms of injury appear.

**If on Skin:** **IMMEDIATELY** wash with soap and water. See a doctor if diquat contacts a skin cut, abrasion or area of irritation.

**If in Eyes:** **IMMEDIATELY** wash eyes with water for at least 15 minutes and get medical attention.

**If Inhaled:** **IMMEDIATELY** get away from spray mist. Stop and check spray procedure. See a doctor if irritation persists.

**NOTE TO PHYSICIANS:** To be effective, treatment for diquat poisoning must begin **IMMEDIATELY**. Treatment consists of binding diquat in the gut with suspensions of activated charcoal or bentonite clay, administration of cathartics to enhance elimination and removal of diquat from the blood by charcoal hemoperfusion or continuous hemodialysis.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**WARNING:** May be fatal if swallowed, inhaled or absorbed through skin. Causes substantial but temporary eye injury, causes skin irritation. Contact with irritated skin, or a cut or repeated contact with intact skin may result in poisoning. Skin contact will cause severe irritation. Do not get material on skin, eyes or clothing. Contact with skin may increase danger when handling concentrate. Do not breathe spray mist in order to avoid nasal, throat and respiratory tract irritation. When spraying or when contacting sprayed vegetation wet with spray, dew or rain, wear waterproof footwear and clothing.

**ENVIRONMENTAL HAZARDS:** Do not use treated water for animal consumption, spraying irrigation or drinking purposes until 5 days after treatment. Treatment of dense weed areas may result in oxygen loss from decomposition of dead weeds. This loss of oxygen may cause fish suffocation. Therefore, treat only 1/3 to 1/2 of the dense weed areas at a time and wait 14 days between treatments. **DO NOT APPLY TO MUDDY WATER.** Avoid creating muddy water during application. Do not apply under conditions of high wind and wave action. Do not apply where plants are covered with mud deposits. Do not apply directly to water except as specified on this label. Do not contaminate water when disposing of equipment wash waters. Consult your State Fish and Game Agencies before applying this product to public waters.

#### STORAGE AND DISPOSAL

**PROHIBITIONS:** Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited.

**STORAGE:** Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Do not contaminate feed, foodstuffs or drinking water. Do not store or transport near feed or food. Store at temperatures above 32°F.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Do not reuse container. Incinerate, burn, or, puncture and dispose of in a sanitary landfill, or dispose of by other procedures allowed by state and local authorities, If burned, stay out of smoke.

#### GENERAL INFORMATION

**WEEDTRINE-D** is a non-volatile herbicide for use in controlling submersed and floating aquatic weeds. Absorption and herbicidal action of **WEEDTRINE-D** is usually quite rapid with effects visible in a few days.

## DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

### AQUATIC USE SITES

For application only to ponds, lakes and drainage ditches where there is little or no outflow of water and which are totally under the control of the product's user. Do not use treated water for animal consumption, spraying, irrigation or domestic purposes for 5 days after treatment.

SUBMERSED WEEDS	Gals./Surface Acre
Bladderwort ( <i>Utricularia</i> spp.)	5-10
Coontail ( <i>Ceratophyllum demersum</i> )	10
Elodea ( <i>Elodea</i> spp.)	10
Naiad ( <i>Najas</i> spp.)	5
Pondweeds ( <i>Potamogeton</i> spp.)*	10
*Except <i>P. robinsii</i> ; also Richardson Pondweed, <i>P. richardsonii</i> , in Minnesota	
Watermilfoil ( <i>Myriophyllum</i> spp.)	5-10

**APPLICATION:** In early season where submersed weed growth has not reached the surface, apply **WEEDTRINE-D** by pouring directly from the container into the water in strips 40 feet apart or dilute at least 5:1 with water and apply as a surface spray or by underwater injection, distributing chemical as evenly as possible. In late season where submersed weeds have reached the water surface, treat in strips no more than 20 feet apart with a 2:1 solution. Use the high rate of application as indicated by the weeds present.

Where algae are present along with the submersed weeds, pre-treatment with **CUTRINE®-PLUS Algaecide** is advised for optimum results.

FLOATING WEEDS	Gals./Surface Acre
Pennywort ( <i>Hydrocotyl umbellata</i> )	2 1/2 - 3 3/4
Salvinia ( <i>Salvinia rotundifolia</i> )	2 1/2 - 3 3/4
Water Hyacinth ( <i>Eichornia crassipes</i> )	2 1/2 - 3 3/4
Water Lettuce ( <i>Pistia stratiotes</i> )	2 1/2 - 3 3/4

**APPLICATION:** Dilute **WEEDTRINE-D** 64:1 with water (2 oz. **WEEDTRINE-D** per gallon of water). Add 1 oz. of non-ionic surfactant per 10 gal. of spray solution. 160 gallons of this solution will treat 1 acre at the lower rate and 240 gallons will treat 1 acre at the higher rate. Use higher rate for late season application.

Duckweed ( <i>Lemna</i> spp.)	5
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**APPLICATION:** Dilute **WEEDTRINE-D** 25:1 with water (5 oz. of **WEEDTRINE-D** per gallon of water). Add 1 oz. of non-ionic surfactant per 10 gal. of spray solution. 130 gallons of this solution will treat 1 acre. Apply as a surface spray taking care to cover all the plants on the water surface and on damp, marginal areas. Re-treatment may be necessary for season-long control.

### MARGINAL WEEDS

Cattails ( <i>Typha</i> spp.)	5
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**APPLICATION:** For top kill, dilute **WEEDTRINE-D** 19:1 with water (6.5 oz. of **WEEDTRINE-D** per gallon of water). Add 1.6 oz. of non-ionic surfactant per 10 gallons of spray solution. Wet foliage thoroughly with spray solution. Repeat treatment, as necessary to control regrowth. For best results, apply before flowering.

**ALGAE:** **WEEDTRINE-D** will control certain filamentous algae (*Spirogyra* spp. and *Pithophora* spp.) Apply 0.5 to 1.5 ppm **WEEDTRINE-D** for control. Apply in same manner as for submersed weeds.

### Formula For Parts Per Million (ppm) Recommendations

Gallons to use = ppm recommended x acreage of water x average depth of water x 7.

**For example:** 1/2 ppm recommendation; 2 acre pond; 4 foot average depth -  $1/2 \times 2 \times 4 \times 7 = 28$  gallons required

**NOTE:** Do not use under conditions involving possible drift to food, forage, or other plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption. Do not use on lawns. Rinse all spray equipment thoroughly with water after use. Use only non-ionic surfactants in conjunction with **WEEDTRINE-D**.

### NOTICE

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