

WEEDTRINE®-D

AQUATIC HERBICIDE

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.

APPLICATION (SUBMERSED WEEDS): 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

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.)* *Except <i>P. robbinsii</i> ; also Richardson Pondweed, <i>P. richardsonii</i> , in Minnesota	10
Watermilfoil (<i>Myriophyllum</i> spp.)	5-10

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.

APPLICATION (FLOATING WEEDS):

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.

FLOATING WEEDS	Gals./Surface Acre
Pennywort (<i>Hydrocotyle umbellata</i>)	2½-3¾
Salvinia (<i>Salvinia rotundifolia</i>)	2½-3¾
Water Hyacinth (<i>Eichhornia crassipes</i>)	2½-3¾
Water Lettuce (<i>Pistia stratiotes</i>)	2½-3¾

APPLICATION (DUCKWEED): 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.

Duckweed (*Lemna* spp.).....5 gals./surface acre

APPLICATION (MARGINAL WEEDS): 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.

Cattails (*Typha* spp.).....5 gals./surface acre

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-dihydrodi-pyrido (1,2-a:2',1'-C) pyrazinediium dibromide]...8.53%

INERT INGREDIENTS.....91.47%
TOTAL.....100.00%

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

 **applied biochemists**

an Arch Chemicals, Inc. company
W175N1163 Stonewood Dr. Ste. 234,
Germantown WI 53022

1-800-558-5106 • www.appliedbiochemists.com

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: ½ ppm recommendation; 2 acre pond; 4 foot average depth – ½ x 2 x 4 x 7 = 28 gallons required

NOTE: Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. Rinse all spray equipment thoroughly with water after use. Use only non-ionic surfactants in conjunction with Weedtrine-D.

KEEP OUT OF REACH OF CHILDREN

WARNING

FIRST AID

IF SWALLOWED: Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person. Take person and product container to the 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 OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. **IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. **IF INHALED:** Move person to fresh air. If person is not breathing, immediately call 911 or an ambulance then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

NOTE TO PHYSICIAN: 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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. If a medical emergency arises contact Arch Chemicals Emergency Action Network in the US call 1-800-654-6911 or outside the US call 423-780-2970. For help with a spill, leak, fire or exposure involving this material call CHEMTREC 1-800-424-9300.

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. Do not get material on skin, eyes or clothing. Do not breathe spray mist in order to avoid nasal, throat and respiratory tract irritation.

PERSONAL PROTECTIVE EQUIPMENT (PPE): Applicators and other handlers must wear coveralls over long-sleeved shirt and long pants, chemical resistant gloves, chemical resistant footwear plus socks, chemical resistant headgear for overhead exposure and a chemical resistant apron when cleaning equipment, mixing or loading; and a dust/mist filtering respirator with NIOSH approval number prefix TC-21C.

USER SAFETY REQUIREMENTS: Follow manufacturer's instructions for cleaning/ maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS: Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outsides of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to aquatic invertebrates. Do not apply directly to water except as specified on this label. 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 ¼ to ½ 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 condition of high wind and wave action. Do not apply where plants are covered with mud deposits. Do not contaminate water when disposing of equipment wash waters. Consult your State Fish and Game Agencies before applying this product to public waters. Necessary approval and/or permits should be obtained prior to application if required.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE STORAGE: Keep container closed when not in use. Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Do not reuse or refill container. Do not contaminate feed, feedstuffs, or drinking water. Do not store or transport near feed or food. **PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. 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:** Nonrefillable container. Do not reuse container. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or re-conditioning if available or puncture and dispose of in approved landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. Consult Federal, State or local authorities for approved alternative procedures.

WARRANTY STATEMENT

To the extent consistent with applicable law neither the manufacturer nor the seller makes any warranty, expressed or implied concerning the use of this product other than indicated on the label. To the extent consistent with applicable law buyer assumes risk of use of this material when such use is contrary to label instructions. Read and follow the label directions.