

ACCEPTED  
DEC 1 1966

1685-64

FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY  
NOT INTENDED FOR HOUSEHOLD USE OR RESALE

# State<sup>®</sup> FORMULA 268 AQUA-QUAT

**ACTIVE INGREDIENTS**  
Diquat dibromide (6,7-dihydrodipyrido (1,2-a:2',1'-c) pyrazinedium dibromide) 2.36%  
**INERT INGREDIENTS** 97.64%  
100.00%

Contains 0.2 lb. Diquat salt per gallon.  
Contains 0.108 lb. cation per gallon.

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### WARNING

**MAY BE FATAL IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN.** Causes skin irritation. Do not get material on skin, eyes or clothing. Symptoms of injury may be delayed. Wear face shield, rubber gloves and rubber apron when handling concentrate. Repeated contact with skin or contact with open cuts or sores may increase the hazard associated with this product. 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, dust or run water, wear proper footwear and clothing. When product is used for ground weed control do not allow entry of maintenance personnel into treated areas within 24 hours after treatment unless protective clothing is worn. When used for aquatic weed control do not allow swimming in treated areas within 14 days after treatment.

### STATEMENT OF PRACTICAL TREATMENT

**IF SWALLOWED:** Call a physician immediately. Give one or two glasses of water. Induce vomiting by placing finger in back of throat. Never give anything by mouth to an unconscious person. Call physician immediately.  
**IF INHALED:** Remove patient to fresh air. Seek medical attention immediately.  
**IF IN EYES:** Flush thoroughly with plenty of cool water for 15 minutes. Get prompt medical attention.  
**IF ON SKIN:** Flush area with water and wash with soap and water. Remove contaminated clothing and wash separately.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to wildlife. Do not apply directly to water except as specified on the label. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not use treated water for animal consumption, spraying or irrigation within 14 days after treatment. Treatment of aquatic weeds can result in oxygen loss from decomposition of dead weeds. This loss can cause fish suffocation. Therefore, treat 1/3 to 1/2 of the water area in a single operation and wait 14 days between treatments. Begin treatment along the shore and proceed outwards in bands to allow fish to move into untreated areas. Consult your State Fish and Game Agency before applying this product to public waters. Do not apply Aqua-Quat when weather conditions favor drift from areas treated.

**KEEP OUT OF REACH  
OF CHILDREN**

### WEED CONTROL DILUTION CHART

Weed Species	Gallons/Surface Area
<b>SUBMERSED WEEDS</b>	
Bladderwort (Utricularia Spp)	20
Cootail (Ceratophyllum demersum)	20
Elodea (Elodea Spp)	20
Naiad (Najas Spp)	20
Pondweeds (Potamogeton Spp)	20
*Except Richardson Pondweed in Minnesota	
Watermilfoil (Myriophyllum Spp)	20
<b>FLOATING WEEDS</b>	
Pennywort (Hydrocotyle umbellata)	10-15
Salvinia (Salvinia rotundifolia)	10-15
Water hyacinth (Eichhornia crassipes)	10-15
Waterlettuce (Pistia stratiotes)	10-15
Duckweed (Lemna Spp)	20

**MARGINAL WEEDS:** (Infesting the edges and other portions of ponds, lakes, ditches)  
For top kill apply required dosage of Aqua-Quat in 100 gallons of water with one quart of non-ionic surfactant\*\* for full coverage and thorough weed control. Repeat treatment as necessary to control regrowth. For best results apply before flowering. For cattails (Typha Spp) use 20 gallons of Aqua-Quat for every 100 gallons of water.

### GROUND WEED CONTROL

To kill above ground weed growth around buildings, ornamental gardens, walkways, patio fence lines, golf courses, parkways and driveways for control of undesirable broadleaved and grassy weeds mix 5 gallons of Aqua Quat with 8 ounces of non-ionic surfactant\*\* per 50 gallons water (13 ounces of Aqua-Quat with three teaspoons non-ionic surfactant\*\* in 3 gallons water). Apply for full coverage and wet thoroughly. The application is more effective on young and actively growing weeds. Repeat treatment as necessary. Avoid spray drifts to foliage of food crops and ornamental plants. Since sunlight activates Aqua Quat Systemic Herbicide action best results will be obtained from applications during early portion of a bright day.  
\*\*use State Chemical Wet-Down—Non ionic Surfactant

### WARRANTY NOTICE

State Chemical Manufacturing Company warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the directions for use. This product is sold subject to the understanding that the buyer assumes all risks of use or handling which may result in loss or damage which are beyond the control of the seller such as for example incompatibility with other materials in or on the soil. State Chemical Manufacturing Company makes no other express or implied warranty of fitness or merchantability. The exclusive remedy of handling of this product shall be the purchase price paid by the user or buyer for the quantity of this product involved. The buyer and all users are deemed to have accepted the terms of this notice which may not be varied by any verbal or written agreement.

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

### STORAGE AND DISPOSAL

**STORAGE:** Do not store near fertilizers, seeds, insecticides or fungicides. Keep container closed when not in use. Store this product only in its original container and place in a locked storage area out of the reach of children. Store at temperatures above 32 F.  
**PESTICIDE DISPOSAL:** Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.  
**CONTAINER DISPOSAL:**  
55 gallon drums: Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.  
20 gallon drums: Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.  
1 gallon and 1 pint container: Do not reuse empty container. Wrap container and put in trash.

### AQUATIC WEED CONTROL:

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.  
The maximum aquatic application rate must be 20 gallons Aqua-Quat per surface acre-foot of water to insure that residue levels remain within established limits.  
**APPLICATION:** In early season where submerged weed growth has not reached the surface, apply Aqua-Quat by pouring directly from the container into the water while moving slowly over the water surface in a boat. Distribute evenly over infested areas in strips of 20-40 feet apart. (See weed dilution chart for proper dosage levels.) In late season or where submerged weed growth has reached the surface throughout the area to be treated, apply Aqua-Quat by pouring or spraying a diluted (5-10 to 1) solution below the water surface in strips no more than 20 feet apart.  
**DO NOT APPLY TO MUDDY WATER — AS MUD INACTIVATES AQUA-QUAT.** 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.  
**For Floating Weeds:** Aqua-Quat should be diluted in 150-200 gallons of water with one qt. of non-ionic surfactant\*\* and applied as an overall spray.  
**For Duckweed control:** apply Aqua-Quat as an overall spray in 50-150 gallons of water per acre. Reinfestation of duckweed occurs readily from untreated areas. Retreatment with Aqua-Quat may be necessary to obtain season long control.

EPA Reg. No. 1685-64-AA  
EPA Est. No. 1685-0H-1

NET CONTENTS:

The State<sup>®</sup> CHEMICAL MANUFACTURING CO.  
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