

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS  
AND DOMESTIC ANIMALS**

**CAUTION:**

Harmful if swallowed. Avoid contact with skin. Avoid breathing spray mist. Wash hands after using. Avoid storage near feed or food products. Keep children and domestic animals off treated areas until this material has been washed into the soil.

**ENVIRONMENTAL HAZARDS**

Do not feed treated foliage to livestock or graze treated areas. Do not spray or allow drift onto vegetables, ornamentals or other desirable plants. Do not apply when weather conditions favor drift from target area. Keep out of lakes, streams, or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.

**DIRECTIONS FOR USE**

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

**MIXING INSTRUCTIONS**

Fill the spray equipment reservoir about half full with water, and add the required amount of herbicide with agitation. Finish filling the reservoir with water and apply. Do not store spray solution in tank for a prolonged period, and clean application equipment thoroughly after use by flushing with water.

**STORAGE AND DISPOSAL**

**PESTICIDE DISPOSAL** — Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, state, or local procedures. **CONTAINER DISPOSAL** — Triple rinse (or equivalent). Then offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by incineration if allowed by state and local authorities.

**COTTON: VALSOKIL PLUS** Herbicide is useful as a directed spray application in cotton for the post-emergence control of weeds and grasses such as Johnsongrass, nutsedge, dallisgrass, cocklebur, barnyardgrass, argweed, sandbur and puncture vine. **VALSOKIL PLUS** Herbicide should be applied at the rate of 1/3 gallon per acre. Mix 3 1/4 pints of **VALSOKIL PLUS** Herbicide in 50 gallons of water. **VALSOKIL PLUS** Herbicide contains the required amount of surfactant. Do not add any other surfactant to the spray solution.

**APPLICATION INSTRUCTIONS:** Apply the spray solution as a directed application to weeds in cotton at a broadcast of 40 gallons per acre. Best results are obtained at air temperatures above

**MONOSODIUM METHYLARSENATE**

FOR SELECTIVE WEED CONTROL

**ACTIVE INGREDIENT:**  
Monosodium Acid Meth... (Product contains 8 lbs. ... gallon) 48.4%

**INERT INGREDIENTS:** 51.6%

Total Arsenic, all in water-soluble form expressed as elemental 100.0%

22.4%

**CAUTION**  
**KEEP OUT OF REACH OF CHILDREN**  
**ANTIDOTE**

Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.

**READ ENTIRE LABEL BEFORE USING THIS PRODUCT**

**NOTICE:** Use of this material in a manner, or at any time other than in accordance with the directions, may produce plant injury, excessive residues, or other undesirable results.

Manufactured By  
**VALLEY CHEMICAL COMPANY**  
GREENVILLE P. O. BOX 1317 MISSISSIPPI

80° F. For broadcast application for each 1/4 inch row.

A second application to control Johnsongrass at the first application. **HIGH TO FIVE TREATED AREAS** the cotton leaf treatment, but **PLUS** Herbicide satisfactory plus so as to avoid stage of the weed. Adjust nozzles.

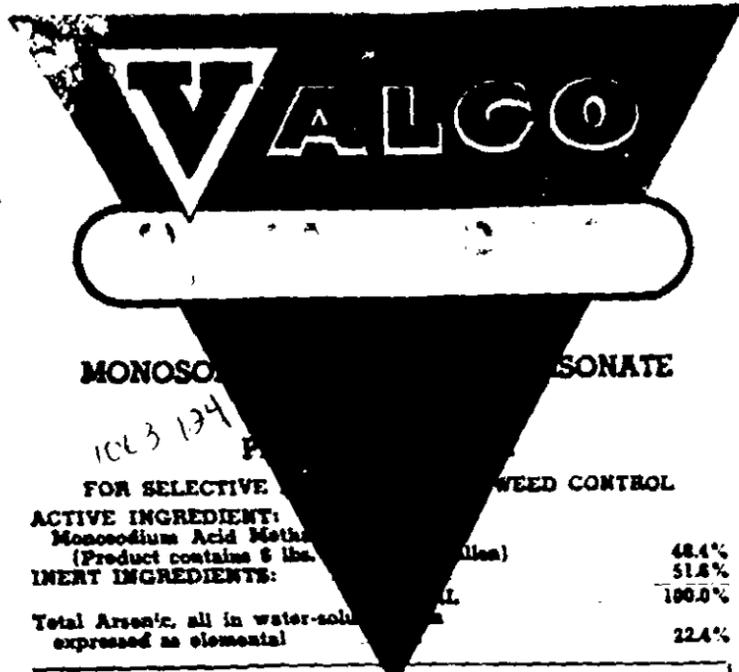
**ADJUST NOZZLES ALLOW MAXIMUM COTTON FOLIAGE**

**NON-CROP:** Valsokil Plus is not for use on ditch banks, rice, etc. Mix **VALSOKIL PLUS** Herbicide in 50 gallons of water. Use vegetation that gives good results as required.

**LAWN AND ORNAMENTALS:** Valsokil Plus is not designed for the control of nutsedge, barnyardgrass, Zoysia, bluegrass, Augustine or centipede. Mix **VALSOKIL PLUS** Herbicide in 50 gallons of water. Spray thoroughly 10 to 14 days after application.

**NOTICE:** Use of this material in a manner, or at any time other than in accordance with the directions, may produce plant injury, excessive residues, or other undesirable results.

EPA REG. NO. 100-100-0100  
EPA EST. NO. 100-100-0100



1063 124

**MONOSODIUM ARSENATE**

**FOR SELECTIVE WEED CONTROL**

**ACTIVE INGREDIENT:**  
 Monosodium Acid Meth... (Product contains 8 lbs. ...)

**INERT INGREDIENTS:**

	48.4%
	51.6%
<b>Total Arsenic, all in water-soluble form, expressed as elemental</b>	<b>100.0%</b>
	22.4%

**CAUTION**  
**KEEP OUT OF REACH OF CHILDREN**  
**ANTIDOTE**

Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.

**READ ENTIRE LABEL BEFORE USING THIS PRODUCT**

**NOTICE:** Use of this material in a manner, or at any time other than in accordance with the directions, may produce plant injury, excessive residues, or other undesirable results.

Manufactured By  
**VALLEY CHEMICAL COMPANY**  
 GREENVILLE P. O. BOX 1317 MISSISSIPPI

80 F For band application, apply at a rate of one gallon of this solution for each 1 inch of band width to be treated on cotton grown in 40 inch row

A second application may be required during humid growing conditions to control weeds such as nutsedge, barnyardgrass and rhizome Johnsongrass. Apply the second application about 1 to 3 weeks after the first application **APPLY ONLY WHEN COTTON IS 3 INCHES HIGH TO FIRST BLOOM. DO NOT APPLY AFTER FIRST BLOOM. DO NOT TREAT TREATED FOLIAGE TO LIVESTOCK, OR GRAZE TREATED AREAS.** Slight burning and a reddish discoloration of the cotton leaf may occasionally occur following the recommended treatment, but the cotton plant will develop normally. **VALSOKIL PLUS** Herbicide should be applied with a low volume sprayer, having satisfactory pumping and bypass action. Nozzles should be placed so as to avoid spraying the cotton foliage, but also to give good coverage of the weeds and grasses. Proper coverage is very important. Adjust nozzles to allow maximum coverage of weeds and grasses.

**ADJUST NOZZLES TO DIRECT THE SPRAY IN A MANNER TO ALLOW MAXIMUM COVERAGE OF WEEDS. KEEP SPRAY OFF COTTON FOLIAGE.**

**NON-CROP: VALSOKIL PLUS** Herbicide is useful for controlling Johnsongrass, nutsedge, barnyardgrass, and similar weeds on drainage ditch banks, rights-of-ways, storage yards, and similar non-crop areas. Mix **VALSOKIL PLUS** Herbicide at a rate of 6 to 12 pints in 100 gallons of water. No surfactant addition is necessary. Spray the unwanted vegetation thoroughly to the point of run-off. Any spray equipment that gives good coverage may be used. If re-growth occurs, re-apply as required.

**LAWN AND ORNAMENTAL TURF: VALSOKIL PLUS** Herbicide is designed for the selective kill of dallisgrass, sandbur, bahiagrass, nutsedge, barnyardgrass, chick weed, and wood sorrel with little or no injury to good lawn grasses. On new lawns, do not treat until after three mowings. Good grasses may be temporarily discolored. Zoysia, bluegrasses, and bermuda are quite tolerant. Do not use on St. Augustine or centipede. Mow lawns 1 to 1 1/4 inches high before treatment. Mix 1 1/2 fluid ounces (4 teaspoons) of **VALSOKIL PLUS** Herbicide in 5 gallons of water and apply to an area of 1,000 sq. ft. Spray thoroughly to wet all undesirable plants. Repeat applications, 10 to 14 days apart, may be needed for good control.

**NOTICE TO USERS:** The seller's guarantee shall be limited to the terms of the label, and seller makes no guarantee, warranty, or representation as to the material other than those set forth on the label. Climatic and soil conditions and other factors beyond the seller's control necessarily affect results. The buyer agrees that the seller shall not be responsible or liable for injuries to crop, soil, person or property arising out of the use and handling of this material whether in accordance with seller's directions or not, and accepts and uses the material on these conditions.

EPA REG NO 1063-124  
 EPA EST NO 1063-MS-1

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HAZARDS TO HUMANS  
AND DOMESTIC ANIMALS**

**CAUTION:**

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**STORAGE AND DISPOSAL**

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**APPLICATION INSTRUCTIONS:** Apply the spray solution as a directed application to weeds in cotton at a broadcast of 40 gallons per acre. Best results are obtained at air temperatures above

**MONOSODIUM METHYLPHOSPHONATE**

100-124

**FOR SELECTIVE WEED CONTROL**

**ACTIVE INGREDIENT:**  
Monosodium Acid Meth... (Product contains 8 lbs. ... gallon) 48.4%

**INERT INGREDIENTS:** 51.6%

Total Arsenic, all in water-soluble form, expressed as elemental 100.0%

22.4%

**CAUTION  
KEEP OUT OF REACH OF CHILDREN  
ANTIDOTE**

Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.

**READ ENTIRE LABEL BEFORE USING THIS PRODUCT**

**NOTICE:** Use of this material in a manner, or at any time other than in accordance with the directions, may produce plant injury, excessive residues, or other undesirable results.

Manufactured By

**VALLEY CHEMICAL COMPANY**  
GREENVILLE P. O. BOX 1317 MISSISSIPPI

80° F. For band application solution for each 1 inch of 11, 40 inch row.

A second application may be necessary to control weeds in Johnsongrass. Apply the second application after the first application. **APPLY HIGH TO FIRST BLOOM. DO NOT FERTILIZE TREATED AREAS.** Slight damage to the cotton leaf may occur after treatment, but the cotton will recover. **PLUS** Herbicide should be applied so as to avoid spraying the foliage of the weeds and grasses. Adjust nozzles to allow misting.

**ADJUST NOZZLES TO DIRECT SPRAY TO ALLOW MAXIMUM COVERAGE OF COTTON FOLIAGE.**

**NON-CROP: VALSOKIL PLUS** controls Johnsongrass, nutsedge, barnyardgrass, ditch banks, rights-of-ways, etc. Mix **VALSOKIL PLUS** Herbicide with water. No surfactant is required. Apply thoroughly to the vegetation that gives good coverage as required.

**LAWN AND ORNAMENTAL:** **VALSOKIL PLUS** is designed for the selective control of nutsedge, barnyardgrass, chickweed, no injury to good lawn grasses after three mowings. Good grasses include Zoysia, bluegrasses, and bermudagrass, Augustine and centipede. Movement. Mix 1 1/2 fluid ounces of **VALSOKIL PLUS** Herbicide in 5 gallons of water. Spray thoroughly to wet soil. Repeat 10 to 14 days apart, may be necessary.

**NOTICE TO USERS:** The user should read the terms of the label, and select the presentation as to the material. Climatic and soil conditions may affect control. Control is not necessarily affected by the user. The user shall not be responsible for any property arising out of the use of this material in accordance with seller's instructions on these conditions.

EPA REG NO. 1063-124

EPA EST NO. 1063-MS-1



MONOSODIUM METHANARSONATE

FOR SELECTIVE WEED CONTROL

ACTIVE INGREDIENT:		
Monosodium Acid Methanarsonate	(Product contains 6 lbs. per gallon)	48.4%
INERT INGREDIENTS:		51.6%
Total Arsenic, all in water-soluble form, expressed as elemental		100.0%
		22.4%

**CAUTION**

**KEEP OUT OF REACH OF CHILDREN**  
**ANTIDOTE**

Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.

**READ ENTIRE LABEL BEFORE USING THIS PRODUCT**

**NOTICE:** Use of this material in a manner, or at any time other than in accordance with the directions, may produce plant injury, excessive residues, or other undesirable results.

Manufactured By

**VALLEY CHEMICAL COMPANY**

GREENVILLE

P. O. BOX 1317

MISSISSIPPI

80° F. For band application, apply at a rate of one gallon of this solution for each 1 inch of band width to be treated on cotton grown in 40 inch row.

A second application may be required during humid growing conditions to control weeds such as nutsedge, barnyardgrass and rhizome Johnsongrass. Apply the second application about 1 to 3 weeks after the first application. **APPLY ONLY WHEN COTTON IS 3 INCHES HIGH TO FIRST BLOOM. DO NOT APPLY AFTER FIRST BLOOM. DO NOT TREAT TREATED FOLIAGE TO LIVESTOCK, OR GRAZE TREATED AREAS.** Slight burning and a reddish discoloration of the cotton leaf may occasionally occur following the recommended treatment, but the cotton plant will develop normally. VALSOKIL PLUS Herbicide should be applied with a low volume sprayer, having satisfactory pumping and bypass action. Nozzles should be placed so as to avoid spraying the cotton foliage, but also to give good coverage of the weeds and grasses. Proper coverage is very important. Adjust nozzles to allow maximum coverage of weeds and grasses.

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