

ACCEPTED  
5-6-71  
5905-163

**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.

**ANTIDOTE:** For eye contact, flush with water. For ingestion, induce vomiting. For skin contact, wash with soap and water.

**READ ENTIRE LABEL BEFORE USING THIS PRODUCT.**

**Directions for Use:** For use in cotton, apply 1 quart of MSMA H. C. Herbicide per acre. For use in other crops, apply 1/2 quart per acre. For use in lawns, apply 1/2 quart per 1,000 square feet. For use in ornamental trees, apply 1/2 quart per tree. For use in pastures, apply 1/2 quart per acre. For use in roadsides, apply 1/2 quart per 100 feet. For use in ditches, apply 1/2 quart per 100 feet. For use in waterways, apply 1/2 quart per 100 feet. For use in wetlands, apply 1/2 quart per acre. For use in riparian areas, apply 1/2 quart per 100 feet. For use in floodplains, apply 1/2 quart per acre. For use in wetlands, apply 1/2 quart per acre. For use in riparian areas, apply 1/2 quart per 100 feet. For use in floodplains, apply 1/2 quart per acre.

**Precautions:** Do not apply to waterways, floodplains, wetlands, riparian areas, or floodplains. Do not apply to floodplains, wetlands, riparian areas, or floodplains. Do not apply to floodplains, wetlands, riparian areas, or floodplains.

**DIRECTIONS FOR USE:**

**COTTON:** MSMA H. C. Herbicide is useful as a directed application in cotton for the post-emergent control of weeds and grasses such as Johnsongrass, nutsedge, Dallisgrass, cocklebur, barnyardgrass, ragweed, sandbur and puncture vine. It should be applied at the rate of 1 quart per acre.

**NET CONTENTS**

**U.S. GALLONS**

# HELENA

## BRAND

### MSMA H. C.

For use in cotton, other crops, lawns, ornamental trees, pastures, roadsides, ditches, waterways, wetlands, riparian areas, and floodplains.

**CAUTION KEEP OUT OF REACH OF CHILDREN. SEE OTHER CAUTION STATEMENTS ON SIDE PANEL.**

**ACTIVE INGREDIENTS:**  
Monsosodiam Acid Methanolate 100% 4.00

**INERT INGREDIENTS:**  
Total Arsenic (as elemental) all in water soluble form 27.30

\* Product contains 3.00 lbs. MSMA per gallon.

**MANUFACTURED BY**  
**HELENA CHEMICAL COMPANY**

West Helena, Ark. — Tampa, Fla. — Lubbock, Tex.  
Des Moines, Iowa — West Columbia, South Carolina

Add 5 pints of MSMA H. C. Herbicide and 1 to 2 quarts of a suitable surfactant to 100 gallons of water and mix thoroughly. Apply spray solution at 40 gallons per acre. Weed control is most effective at temperatures above 70 degrees F. For band application in 40 inch rows, apply 1 gallon of spray solution per inch of band width per acre. Direct the spray solution to the base of the cotton plant. Nozzles should be placed 150s to avoid spraying the cotton foliage. A second application may be required during humid growing conditions to control perennials such as Johnsongrass and nutsedge. Apply the second application two weeks later.

For use in other crops, apply 1/2 quart per acre. For use in lawns, apply 1/2 quart per 1,000 square feet. For use in ornamental trees, apply 1/2 quart per tree. For use in pastures, apply 1/2 quart per acre. For use in roadsides, apply 1/2 quart per 100 feet. For use in ditches, apply 1/2 quart per 100 feet. For use in waterways, apply 1/2 quart per 100 feet. For use in wetlands, apply 1/2 quart per acre. For use in riparian areas, apply 1/2 quart per 100 feet. For use in floodplains, apply 1/2 quart per acre.

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**LAWN AND ORNAMENTAL TREES:** MSMA H. C. Herbicide is useful for control of Dallisgrass, sandbur, barnyardgrass, nutsedge, barnyardgrass, chickweed 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 1/2 inches high before treatment. Mix 1 fluid ounce (2 tablespoons) of MSMA H. C. Herbicide and 1/2 fluid ounce (1 tablespoon) of a suitable surfactant in 5 gallons of water and apply to an area of 1,000 square feet. Spray thoroughly to wet all undesirable plants. Repeat applications 10 to 14 days apart, may be needed for good control.

U.S.D.A. Reg. No. 5905-162

**DO NOT USE THIS CONTAINER FOR ANY PURPOSE**

5-6-71  
5905-163

FOR FLOODED POISON REGISTERED UNDER NO.

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SEE OTHER CAUTION STATEMENTS ON SIDE PANEL.

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**HELENA CHEMICAL COMPANY**  
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Des Moines, Iowa — West Columbia, South Carolina