



**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:** If taken internally, induce vomiting and call physician at once

**READ ENTIRE LABEL BEFORE USING THIS PRODUCT**

**GENERAL INFORMATION:** MSMA 14.5 is useful for selective post-emergent weed control, particularly for grassy weeds. Its activity is enhanced by addition of a suitable surfactant to the spray solution. It is most effective on young, actively growing weeds at air temperatures above 70 F. Its phytotoxic properties are quickly inactivated on contact with soil.

**MIXING INSTRUCTIONS:** MSMA 14.5 must be thoroughly dissolved. Fill the spray equipment reservoir about half full with water and add the required amount of herbicide and surfactant with agitation. Finish filling the reservoir with water and apply. After use, clean equipment thoroughly by flushing with water. Do not store spray solution in tank for a prolonged period.

**CONTAINER DISPOSAL:** Do not reuse empty container. Wash thoroughly with water and detergent, crush if possible, and discard in a safe place.

**DIRECTIONS FOR USE**

**COTTON:** MSMA 14.5 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. Add 5 pints of MSMA 14.5 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°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 so as to avoid spraying the cotton foliage. A second application

# MSMA 14.5

## HIGH CONCENTRATE

### MSMA Liquid

**For Selective Post-Emergent Weed Control**

**CAUTION: Keep Out of Reach of Children**

<b>ACTIVE INGREDIENT:</b>	
Monosodium Acid Methanearsonate*	59.0%
<b>INERT INGREDIENTS</b>	
Total Arsenic (as elemental) all in water soluble form	41.0%
*Product contains 8.00 lbs. MSMA per gallon	

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**THOMPSON HAYWARD  
CHEMICAL COMPANY**

P.O. BOX 2383 KANSAS CITY, KANSAS 66110

may be required during humid growing conditions to control perennials, such as Johnsongrass and nutsedge. Apply the second application 1 to 3 weeks later.

Slight burning and a reddish discoloration of the cotton leaf may occasionally occur following the recommended treatment, but the cotton plant will develop normally.

**Apply only when cotton is 3 inches high to first bloom. Do not apply after the first bloom. Do not feed treated foliage to livestock, or graze treated areas.**

**NON-CROP:** MSMA 14.5 is useful for controlling Johnsongrass, nutsedge, barnyardgrass, and certain other weeds on drainage ditch banks, rights-of-way, storage yards, and similar non-crop areas.

Mix MSMA 14.5 at a rate of 2 to 5 pints, plus 1 to 2 quarts of a suitable surfactant in 100 gallons of water. Spray the unwanted vegetation thoroughly to just short of runoff. Any spray equipment that gives good coverage may be used. If regrowth occurs, reapply as required.

**Do not contaminate waters used for domestic consumption or by animals, wildlife and aquatic life, or for irrigation purposes.**

**LAWN AND ORNAMENTAL TURF:** MSMA 14.5 is useful for control of Dallisgrass, sandbur, bahiagrass, 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 to 1½ inches high before treatment. Mix 1 fluid ounce (2 tablespoons) of MSMA 14.5 and ½ 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.

**NOTICE:** Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.