

# MSMA liquid plus surfactant

## FOR SELECTIVE POST-EMERGENT WEED CONTROL

7-10-75  
 REGISTERED  
 HERBICIDE  
 GENERAL ACT  
 FOR THE CONTROL OF WEEDS  
 EPA REG. NO. 9779-178

### CAUTION: KEEP OUT OF REACH OF CHILDREN

Harmful if swallowed. Avoid contact with skin. Avoid breathing spray mist. Wash hands after using. Do not store 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 a physician at once.

**READ ENTIRE LABEL BEFORE USING THIS PRODUCT:** Use of this product in a manner not in accordance with the information on this label may injure or kill humans, domestic animals, wildlife, aquatic life, desirable plants, create excessive and/or harmful chemical residues, or produce other undesirable results.

#### GENERAL INFORMATION:

MSMA-6 plus SURFACTANT is useful for selective post-emergent weed control, particularly for grassy weeds. It is a combination of herbicide and surfactants. IT IS UNNECESSARY TO ADD ANY OTHER SURFACTANT TO THE SPRAY SOLUTION. Best results are obtained on young, actively growing weeds at temperatures above 70° F.

#### DIRECTIONS FOR USE:

**COTTON:** MSMA-6 plus SURFACTANT is useful as a directed spray application to weeds in cotton for post-emergent control of weeds and grasses including Johnsongrass, nut sedge, watergrass, goosegrass, Dallisgrass, ratweed, sandbur,uncture vine and rocket etc.

Add 3 parts of MSMA-6 plus SURFACTANT to 90 gallons of water and mix thoroughly. Do not add any surfactant to the spray solution. 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 acre in 1 foot 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 may be required during humid growing conditions to control perennials such as Johnsongrass and nutsedge. Apply the second application 1 to 3 weeks later.

APPLY ONLY WHEN COTTON IS 3 INCHES HIGH TO FIRST BLOOM. DO NOT APPLY AFTER FIRST BLOOM. DO NOT FEED 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.

**NON-CROP:** MSMA-6 plus SURFACTANT is useful for controlling Johnsongrass, nutsedge, watergrass and similar weeds in drainage ditchbanks, rights-of-way, storage yards, and similar non-crop areas.

Mix MSMA-6 plus SURFACTANT at a rate of 6 to 12 pints in 100 gallons of water. No additional surfactant is necessary. Spray the unwanted vegetation thoroughly to just short of run-off. Any spray equipment that gives good coverage may be used. If regrowth occurs, reapply as required.

**LAWN AND ORNAMENTAL TURF:** MSMA-6 plus SURFACTANT 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 to 1 to 1½ inches high before treatment. Mix 4 teaspoons of MSMA-6 plus 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.

**MIXING INSTRUCTIONS:** MSMA-6 plus SURFACTANT must be thoroughly mixed. 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. After use clean equipment thoroughly by flushing with water. Do not store spray solution in tanks for a prolonged period, and clean application equipment thoroughly after use by flushing with water.

DO NOT CONTAMINATE WATERS USED FOR DOMESTIC CONSUMPTION OR BY ANIMALS, WILDLIFE AND AQUATIC LIFE, OR WATER FOR IRRIGATION PURPOSES.

#### CONTAINER DISPOSAL:

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

#### NOTICE:

Riverside Chemical Company warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Riverside Chemical Company, and buyer assumes the risk of any such use.

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MANUFACTURED BY

**RIVERSIDE CHEMICAL CO.**

A DIVISION OF COCA INDUSTRIES, INC., MEMPHIS, TENNESSEE

Plants at Marks and Canton, Miss.; Blytheville and Pine Bluff, Ark.; Montgomery and Dothan, Ala.; Rayville, La. and Jackson, Tenn.

# MSMA-8

## MSMA liquid

FOR SELECTIVE POST-EMERGENT WEED CONTROL

FOR EXTERNAL USES REGISTERED

### CAUTION: KEEP OUT OF REACH OF CHILDREN

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**ANTIDOTE:** If taken internally induce vomiting and call a physician at once.

**READ ENTIRE LABEL BEFORE USING THIS PRODUCT:** Use of this product is restricted to use in accordance with the information on this label may injure or kill desirable plants, animals, wildlife, or other desirable plants, creatures, or objects and may result in damage to property, crops, or other undesirable results.

### GENERAL INFORMATION

MSMA-8 is an herbicide useful for selective post-emergent weed control, particularly on lawns. **IT IS NECESSARY TO ADD SURFACTANT TO THE SPRAY SOLUTION.** For best results, treat on a dry, active lawn at a temperature of 60 to 70 F.

### DIRECTIONS FOR USE

**COTTON:** MSMA-8 is used as a directed application in cotton for pre-emergent control of weeds and grasses, such as barnyardgrass, nutcracker, and other grasses, and for control of weeds and grasses.

Apply 1 to 2 parts of a suitable surfactant to the MSMA-8 solution. Apply spray solution of 40 to 50 g per acre. Do not apply at temperatures below 50 F. For best results, apply 1 gallon of spray solution per acre of field with a backpack sprayer. Do not apply to desirable plants. A good pre-emergent control of weeds and grasses may be obtained by application to the soil before planting.

For information on the use of MSMA-8 in other crops, consult the manufacturer's literature.

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Mow lawns 1 to 1 1/2 inches high before treatment. Mix 2 tablespoons of MSMA-8 plus 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.

### MIXING INSTRUCTIONS:

MSMA-8 must be thoroughly diluted. Fill the spray equipment with about half full with water and add the required amount of MSMA-8 and surfactant with constant stirring. Then fill the remainder with water and apply. After each use, clean the equipment thoroughly by flushing with water. Do not store spray solution for a long period.

**DO NOT CONTAMINATE WATER USED FOR DOMESTIC CONSUMPTION, OR FEED ANIMALS, WILDLIFE AND ALL AT ALL FOR WATER FOR BEVERAGES.**

### CONTAINER DISPOSAL:

Do not reuse empty containers. Wash thoroughly with water and pour out contents. Do not reuse.

### NOTICE:

Herbicide Chemical Company warrants that the product is true to the label description and that it is suitable for the purposes stated on the label. When used in accordance with the label directions, the product will perform as described. The company does not warrant that the product will perform as described under conditions other than those stated on the label. The product is not intended for use on lawns. Do not apply to lawns. Do not apply to lawns.

For information on the use of MSMA-8 in other crops, consult the manufacturer's literature.



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