

# MSMA 8

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

**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.**

North Louisiana Chemicals, Inc., warrants that this product conforms to the chemical description on its label. When used in accordance with label directions under normal conditions, this product is reasonably fit for its intended purpose. Since timing, method of application, weather, plant and soil conditions, mixture with other chemicals, and other factors affecting the use of this product are beyond our control, no warranty is given concerning the use of this product contrary to label directions or under conditions which are abnormal or not reasonably foreseeable. The user assumes all risks of any such use.

**GENERAL INFORMATION:** MSMA 8 Herbicide 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 degrees F. Its phytotoxic properties are quickly inactivated on contact with soil.

**MIXING INSTRUCTIONS:** MSMA 8 Herbicide 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.

**NET CONTENTS:** \_\_\_\_\_ GALLONS MSMA 8 Herbicide is sold by North Louisiana Chemicals, Inc.

Herbicide

**HIGH CONCENTRATE**

MSMA Liquid For Selective Post-Emergent Weed Control

**ACTIVE INGREDIENT**

Monosodium Acid  
Metharsenate\* 58.3%

**INERT INGREDIENTS** 41.7%

Total Arsenic (as elemental)  
all in water soluble  
form 27.0%

\*Product contains 8.00 lbs  
MSMA per gallon

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**NORTH LOUISIANA CHEMICALS, INC.**  
GULFHAM, LOUISIANA

## DIRECTIONS FOR USE:

**COTTON:** MSMA 8 Herbicide is useful as a directed application in cotton for the post-emergent control of weeds and grasses such as johnsongrass, nutsedge, dallisgrass, cocklebur, ragweed, sandbur and pasture vine. It should be applied at the rate of 1 quart per acre.

Add 5 pints of MSMA 8 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 4-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 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 first bloom. Do not feed treated foliage to livestock, or graze treated areas.

**NON-CROP:** MSMA 8 Herbicide is useful for controlling johnsongrass, nutsedge, and certain other weeds on drainage ditchbanks, rights-of-way, storage yards, and similar non-crop areas.

Mix MSMA 8 Herbicide 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 run-off. 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 8 Herbicide is useful for control of dallisgrass, sandbur, dallisgrass, nutsedge, crabgrass, chickweed and wood sorrel with little or no injury to tolerant lawn grasses. On new lawns, do not treat until after three mowings. Tolerant grasses may be temporarily discolored. Zoysia, bluegrasses, and bermuda are quite tolerant. Do not use on St. Augustine or centipede.

Mow lawns 1 to 1-1/2 inches high before treatment. Mix 1 fluid ounce (2 tablespoons) of MSMA 8 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.

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