

ACCEPTED

1-14-71

UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND ROODENTICIDE ACT
FOR FEDERAL REGULATION

GENERAL INFORMATION: MSMA Plus Surfactant is useful for selective post-emergent weed control, particularly for grassy weeds. Its phytotoxic properties are quickly inactivated on contact with soil. It is a combination of herbicide and surfactant. **It is unnecessary to add any other surfactant to the spray solution.** Best results are obtained on young actively growing weeds at air temperatures above 70° F.

MIXING INSTRUCTIONS: MSMA Plus Surfactant must be thoroughly dissolved. 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 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.

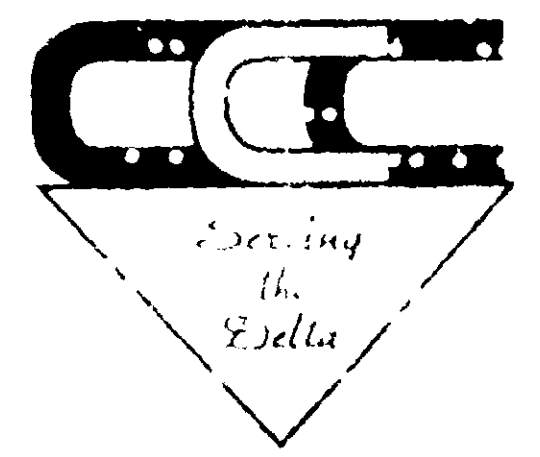
DIRECTIONS FOR USE:

COTTON: MSMA Plus Surfactant is useful as a directed application in cotton for post-emergent control of weeds and grasses, such as Johnsongrass, nutsedge, Dallisgrass, cocklebur, barnyard-grass, ragweed, sandbur and puncture vine. It should be applied at the rate of 2 quarts per acre.

Mix 5 quarts of MSMA Plus Surfactant in 100 gallons of water. 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 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.

(Continued in Right Panel)

USDA Registration No. 8867-27 Lot



MSMA

**MSMA Liquid Plus Surfactant
For Selective Post-Emergent Weed Control**

ACTIVE INGREDIENT:
Monosodium Acid Methanearsonate*34.8%

INERT INGREDIENTS:65.2%

Total Arsenic (as elemental) all in water soluble form. 16.1%

*Product contains 4 lbs. MSMA per gallon.

CAUTION KEEP OUT OF 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.

Do not contaminate water used for irrigation or domestic purposes.

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

READ ENTIRE LABEL BEFORE USING THIS PRODUCT.

THIS PRODUCT IS TOXIC TO WILDLIFE. APPLY THIS PRODUCT ONLY AS SPECIFIED ON THIS LABEL.

CLEVELAND CHEMICAL CO
CLEVELAND, MISSISSIPPI

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Slight burning and a reddish discoloration of the cotton leaf may occasionally occur following the recommended treatment, but the cotton plant will develop normally. Do not apply after first bloom. Do not graze or feed forage from treated areas to livestock. Apply MSMA Plus Surfactant when cotton is 3-4 inches tall.

NON-CROP: MSMA Plus Surfactant is useful for control of Johnsongrass, nutsedge, barnyardgrass and certain other weeds on drainage ditchbanks, rights-of way, fence rows, storage yards and similar non-crop areas.

Mix MSMA Plus Surfactant at a rate of 2 to 5 quarts in 100 gallons of water. Spray unwanted vegetation thoroughly to just short of run-off. Any spray equipment that gives good coverage may be used. If regrowth occurs, re-apply as required.

LAWN AND ORNAMENTAL TURF: MSMA Plus Surfactant is useful for control of Dallisgrass, sandbur, bahia-grass, 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, blue-grasses and bermuda are quite tolerant. Do not use on St. Augustine or centipede.

Mow lawns 1 to 1½ inches high before treatment. Mix 2 fluid ounces (4 tablespoons) of MSMA Plus Surfactant 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: Seller 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 seller, and buyer assumes the risk of any such use.