
 D S M A
 Dry Powder
 For Selective Post Emergent Weed Control

47115 ACTIVE INGREDIENT:
 Disodium Methanearsonate* 81.0%
 INERT INGREDIENTS: 19.0%
 100.0%

Total Arsenic (as elemental) all
 in water soluble form ... 33.0%

*Equivalent to 128.5% Disodium Methanearsonate
 Hexahydrate.

KEEP OUT OF REACH OF CHILDREN

CAUTION

Harmful if swallowed. Wash thoroughly after handling. If taken internally, induce vomiting and call physician at once.

Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly after handling.

Harmful if inhaled. Avoid breathing spray mist. Remove contaminated clothing and wash before reuse.

Causes eye irritation. If in eyes, flush with plenty of water. Get medical attention if irritation persists.

Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling.

See side panel for additional precautionary statements.

Manufactured by: Cumberland Chemical Corporation
 1523 No. Post Oak Road
 Houston, TX. 77055

Establishment No.: 47115-TX 01

EPA Registration No.: 47115-2

Net Contents One Gallon

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Keep children and domestic animals off treated areas until material has been washed into soil.

Do not feed treated forage to livestock or graze treated areas.

ENVIRONMENTAL HAZARDS

Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

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

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

READ ENTIRE LABEL BEFORE USING THIS PRODUCT.

STORAGE AND DISPOSAL

HERBICIDE DISPOSAL: Herbicide, spray mixture, or rinse water that cannot be used according to label instruction must be disposed of according to applicable Federal, State or Local procedures.

CONTAINER DISPOSAL: Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of bags in a sanitary landfill or by incineration if allowed by State & Local authorities.

GENERAL INFORMATION: DSMA 81% Herbicide is useful for selective post-emergent weed control, particularly for grassy weeds. Its activity is enhanced by addition of a suitable surfactant, cleared for application to growing crops, to the spray solution. It is most effective on young, actively growing weeds at air temperature above 70°F. Its phytotoxic properties are quickly inactivated on contact with the soil.

MIXING INSTRUCTIONS: DSMA 81% Herbicide 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. Do not store spray solution in tank for a prolonged period; clean application equipment thoroughly after using by flushing with water.

(RIGHT SIDE PANEL)

COTTON: DSMA 81% Herbicide is useful as a directed spray application in cotton for post emergent control of weeds and grasses including Johnsongrass, Nutsedge, Fallisgrass, Cocklebur, Barnyardgrass, Ragweed, Sandbar, and Puncture Vine. DSMA 81% Herbicide should be applied to weeds in cotton at the rate of 2.8 pounds per acre.

Mix at the rate of 7.0 pounds in 100 gallons of water and add 1 to 2 quarts of a mild surfactant, cleared for application to growing crops. Apply at a broadcast rate of 40 gallons per acre. Best results are obtained at temperatures above 70°F. For band application, apply at the rate of 1 gallon of this solution for each inch of band width per acre for cotton in 10 inch rows. A second application may be required during humid growing conditions. Time the second application, if necessary, about 1 to 3 weeks after the first application.

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. DSMA 81% Herbicide should be applied with a low volume sprayer, having satisfactory pumping and bypass action. Nozzles should be placed so as to avoid spraying the cotton foliage, but also to give good coverage of the weeds and grasses. Proper coverage is very important. Adjust nozzles to allow maximum coverage of weeds and grasses. Adjust nozzles to direct the spray in a manner to allow maximum coverage of weeds. Keep spray off cotton foliage.

NON-CROP: DSMA 81% Herbicide is useful for controlling Johnsongrass, Nutsedge, Barnyardgrass, and weeds on drainage ditch banks, rights-of-way, storage yards, and similar non-crop areas. Mix DSMA 81% Herbicide at the rate of 3 to 7 pounds, plus 1 to 2 quarts of a suitable surfactant, cleared for application to growing crops, 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.

(RIGHT SIDE PANEL) (Continued)

LAWN AND ORNAMENTAL TURF: DSMA 81% Herbicide is designed for the selective kill of Bullisgrass, Sandbar, 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 affected, especially in hot weather. Rain or waterings will revive them. Bent and Fescue grasses are generally more sensitive, and may be temporarily discolored. Zoysia, Bluegrasses, and Bermuda are tolerant. Do not use on St. Augustine or Centipede. Mow lawns 1 to 1½ inches high before treatment. Mix 1.5 ounces of DSMA 81% Herbicide in 5 gallons of water, containing 2 to 3 fluid ounces of a suitable surfactant, cleared for application to growing crops, and apply to an area of 1000 square feet. Spray thoroughly to wet all undesirable plants. Repeat applications, 10 to 14 days apart, may be needed for good control.

WARRANTY

Cumberland Chemical Corporation warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the directions for use. Cumberland Chemical Corporation makes no other warranties, express or implied, including fitness or merchantability. In no case shall Cumberland Chemical Corporation or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. The foregoing is a condition of sale by Cumberland Chemical Corporation and is accepted as such by the Buyer.