

DSMA Powder

Net Contents:

Herbicide

For Postemergence Weed Control

Active Ingredient: Disodium Methanearsonate Anhydrous*	63.0%
Inert Ingredients:	37.0%
Total:	100.0%
Total Arsenic all in water-soluble form, expressed as elemental	25.6%

*Product equivalent to 100% Disodium Methanearsonate Hexahydrate

Keep Out of Reach of Children

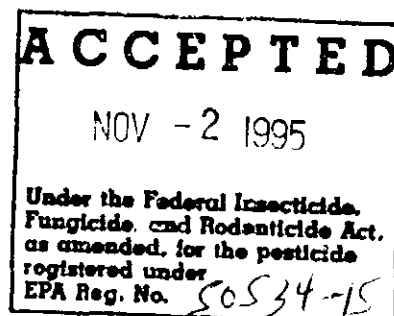
CAUTION:

See back panel for additional precautionary statements

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EPA Reg. No. 50534-15
EPA Est. No. 42519-IS-1

3874-3009-9114-9509



Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed or absorbed through the skin.

Avoid contact with eyes, skin or clothing.

Avoid breathing dust or spray mist.

If swallowed, induce vomiting immediately by giving two glasses of water and sticking finger down throat. NEVER give anything by mouth to an unconscious person. Seek medical attention.

In case of contact, flush eyes with plenty of water for at least 15 minutes. Seek medical attention.

Wash exposed skin gently with plenty of soap and water.

Personal Protective Equipment (PPE):

Applicators and other handlers must wear:

- * Long-sleeved shirt and long pants
- * Waterproof gloves
- * Shoes plus socks
- * Protective eyewear
- * Chemical-resistant apron when cleaning equipment, mixing or loading

For exposures in enclosed areas:

- * A respirator with either an organic vapor-removing cartridge with a pre-filter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G)

For exposure outdoors:

- * Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C).

Follow manufacturer's instructions for cleaning maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations:

Users should:

- * Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- * Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- * Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards

DO NOT apply directly to water. DO NOT feed treated foliage to livestock or graze treated areas. DO NOT spray or allow drift onto vegetables, ornamentals or other desirable plants. DO NOT apply when weather conditions favor drift from target area. DO NOT contaminate water by cleaning of equipment or disposal of wastes.

DSMA Powder Herbicide

Read entire label before using this product.

General Information

DSMA POWDER is a postemergence herbicide for use in cotton, turf and non-crop areas. DSMA POWDER is a water-soluble powder that does not contain a surfactant (wetting agent). A suitable non-ionic surfactant should be added to the spray tank. Local conditions and recommendations vary; consult local agricultural experiment station or extension service weed specialists for recommendations in your area.

A list of weeds controlled with DSMA POWDER includes:

Bahiagrass (<i>Paspalum sp.</i>)	Goosegrass (<i>Eleusine indica</i>)
Barnyardgrass (<i>Echinochloa crus-galli</i>)	Guineagrass (<i>Panicum sp.</i>)
Beggartick, hairy (<i>Biden pilosa</i>)	Jimsonweed (<i>Datura stramonium</i>)
Brachiaria spp.	Johnsongrass (<i>Sorghum halipense</i>)
Broomsedge	Morningglory (<i>Ipomoea spp.</i>)
Chickweed (<i>Stellaria media</i>)	Mustard, wild
Cocklebur (<i>Xanthium spinosum</i>)	Nutsedge (<i>Cyperus sp.</i>)
Crabgrass, large (<i>Digitaria sp.</i>)	Oats, wild (<i>Avena fatua</i>)
Crabgrass, smooth (<i>Digitaria sp.</i>)	Pigweed (<i>Amaranthus sp.</i>)
Dallisgrass (<i>Paspalum dilatatum</i>)	Puncturevine (<i>Tribulus terrestris</i>)
Dandelion (<i>Taraxacum officinale</i>)	Purslane, common
Dayflower (<i>Commelina sp.</i>)	Ragweed (<i>Ambrosia spp.</i>)
Fall Panicum (<i>Panicum dichotomiflorum</i>)	Sandbur (<i>Cenchrus sp.</i>)
Fiddleneck (<i>Amsinckia sp.</i>)	Sicklepod (<i>Cassia obtusifolia</i>)
Florida Beggarweed (<i>Desmodium tortuosum</i>)	Sorrel, Wood (<i>Oxalis sp.</i>)
Foxtail (<i>Setaria sp.</i>)	Spurge (<i>Euphorbia sp.</i>)
	Witchgrass (<i>Panicum capillare</i>)

Mixing Instructions: DSMA POWDER herbicide must be thoroughly dissolved. Fill the spray tank with half the required amount of water and, with pump or agitator operating, add the recommended amount of DSMA POWDER herbicide and continue filling the tank with balance of water. Add surfactant and mix thoroughly.

If preferred, DSMA POWDER herbicide can be pre-mixed by dissolving the required amount of DSMA POWDER in 3 to 5 gallons of water in a clean, open-head bucket. This pre-mix should then be poured in the partially filled spray tank and the tank filled with balance of water. Add surfactant and mix thoroughly before using.

DO NOT store spray solution in tank overnight. Clean application equipment thoroughly after use by flushing with water in a safe place.

Application Methods: DSMA POWDER should be applied with a low-volume, properly calibrated sprayer having satisfactory pumping and bypass action.

ADJUST NOZZLES TO KEEP SPRAY OFF COTTON FOLIAGE AND IN A MANNER TO ALLOW MAXIMUM COVERAGE OF WEEDS. Adequate coverage is very important for effective weed control.

Apply during warm weather when weeds are in an active stage of growth.

Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

DO NOT apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- * Coveralls
- * Waterproof gloves
- * Shoes plus socks
- * Protective eyewear

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

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

DO NOT apply this product through any type of irrigation equipment.

Cotton: DSMA POWDER is useful as a directed postemergence spray for controlling *the above listed* weeds in cotton such as ~~barnyardgrass, cocklebur, smooth and large crabgrass, dallisgrass, goosegrass, johnsongrass and nutsedge~~. Apply as a DIRECTED broadcast spray at rate of 40 gallons per acre of a solution containing 3-1/2 pounds of DSMA POWDER plus 1 to 1-3/4 quarts of surfactant, cleared for application to growing crops, in 40 gallons of water when weeds are small. For band applications, apply 1 gallon of above diluted spray per acre for each 1 inch band width to be treated of cotton growth on 40 inch row spacing. A second or repeat application, if needed, should be timed about 1 to 3 weeks after the first application. Keep spray off cotton foliage.

Apply only when cotton is 3 inches high to first bloom. DO NOT apply after first bloom.

Slight burning and reddish discoloration of cotton foliage may occasionally be seen following recommended treatment; however, cotton plants will develop normally and yield will not be affected.

Ornamental Turfgrass: DSMA POWDER can be used for selective control of *the above listed weeds* ~~bahiagrass, barnyardgrass, chickweed, smooth and large crabgrass, dallisgrass, nutsedge, sandbur and wood sorrel~~ with little or no injury to well-established, actively growing turfgrasses. Mow turfgrass to height of 1 to 1-1/2 inches before treatment. Mix 1-1/2 ounces of DSMA POWDER plus 2 to 3 fluid ounces of suitable surfactant in 1 to 2-1/2 gallons of water for application to an area of 1,000 square feet. Application should be uniform and thorough to adequately wet all undesirable plants. Two or more repeat treatments at 14-day intervals may be necessary. Make applications during warm weather when temperature is between 80 and 90° F. DO NOT water turf for at least 24 hours after application. Turfgrasses may be temporarily discolored. Bermudagrass, bluegrasses and zoysiagrass have shown tolerance to properly applied DSMA POWDER. Injury may result if applied to bentgrasses and fescues. DO NOT apply to St. Augustinegrass, carpetgrass, centipedegrass or to Dichondra. DO NOT reseed until 2 weeks after last application. DO NOT apply with hose-end applicators.

Non-Crop: DSMA POWDER is effective in controlling *the above listed* ~~barnyardgrass, cocklebur, smooth and large crabgrass, dallisgrass, goosegrass, johnsongrass, nutsedge and many similar~~ weeds on drainage ditch banks, fence rows, rights-of-way, storage yards and similar non-crop areas. Application should be made when weeds are small and conditions are favorable for good weed growth. Mix at a rate of 3 to 3-1/2 pounds of DSMA POWDER plus 1 to 1-3/4 quarts of suitable surfactant in 40 gallons of water. Spray undesirable vegetation thoroughly to point of run-off. Adequate coverage and complete wetting of foliage is important for effective control. Repeat applications may be necessary if regrowth occurs. DO NOT contaminate waters used for domestic purposes, or by animals, including wildlife and aquatic life, or water used for irrigation purposes.

Storage and Disposal

DO NOT contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: DO NOT reuse empty container. Completely empty bag into application equipment by shaking and tapping sides and bottom to loosen clinging particles. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Warranty and Limitation of Damages

Seller warrants to those persons lawfully acquiring title to this product that at the time of the first sale of this product by seller that this product conformed to its chemical description and was reasonably fit for the purposes stated on the label when used in accordance with Seller's directions under normal conditions of use and Buyers and users of this product assume the risk of any use contrary to such directions. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY, AND NO AGENT OF SELLER IS AUTHORIZED TO DO SO. In no event shall Seller's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.

Buyers and users of this product are responsible for all loss or damage from use or handling of this product which results from conditions beyond the control of Seller, including, but not limited to, incompatibility with other products unless otherwise expressly provided in the Directions for Use of this product, weather conditions, cultural practices, moisture conditions or other environmental conditions outside of the ranges that are generally recognized as being conducive to good agricultural and/or horticultural practices.