

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

34704-112

12-23-1983

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Mr. Dennis Burchett
 Platte Chemical Co.
 P. O. Box 667
 Greeley, CO 80632

DEC 23 1983

Dear Mr. Burchett:

Subject: Methanearsonates
 MSMA 6.6
 EPA Registration No. 34704-111
 DSMA 36
 EPA Registration No. 34704-112 ✓
 DSMA Powder
 EPA Registration No. 34704-113
 MSMA Turf Herbicide
 EPA Registration No. 34704-114
 MSMA 6 Plus
 EPA Registration No. 34704-115
 Submission Dated December 7, 1983

The amendments referred to above, submitted in connection with registration under FIFRA, are acceptable, provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. For your crop uses, qualify the present references to surfactants to be added to the pesticide by the growers as xxx approved for use on growing crops.
 - b. For all labels claiming drainage ditchbank use, add the precaution. "Do not contaminate waters used for domestic consumption, or by animals, wildlife and aquatic life, or for irrigation purposes." This statement is presently on registration 34704-113.
 - c. For registration #34704-112, under Environmental Hazards, change "Keep out of lakes, streams or ponds" to read, "Do not apply directly to water."

CONCURRENCES

SYMBOL ▶							
SURNAME ▶							
DATE ▶							

2/14

2. Submit one (1) copy of each final printed label before you release the product for shipment.

A stamped copy of each draft label is enclosed .

Sincerely yours,

Richard F. Mountforty *RFM*
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (TS-767)

Enclosures

DCR-10821: MOUNTFORT: 12/20/83: Del. 1/3/84: mar: RD-17

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**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION

Harmful if swallowed. Avoid contact with skin. Wash hands after using. Avoid contact with eyes. In case of contact, flush eyes with plenty of water. Avoid breathing spray mist. Keep children and domestic animals off treated areas until this material has been washed into the soil.

Wear protective clothing when handling or applying this product including long pants, long-sleeved shirt, and impermeable gloves and boots. Mixer-loaders should include an apron and face shield when handling or mixing concentrate. Flagmen should be fully protected during spray operations or mechanical flagmen used. Pilots and ground spray rig applicators should wear a mask or respirator approved by the Mining Enforcement and Safety Administration and the National Institute for Occupational Safety and Health.

ENVIRONMENTAL HAZARDS

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. Keep out of lakes, streams or ponds. DO NOT contaminate water by cleaning of equipment or disposal of wastes.

READ ENTIRE LABEL BEFORE USING THIS PRODUCT

DIRECTIONS FOR USE

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

RE-ENTRY STATEMENT

Do not enter treated areas without protective clothing until sprays have dried. Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container. Do not store under conditions which might adversely affect the container or its ability to function properly.

STORAGE: Store in safe manner. Store in original container only. Keep container tightly closed when not in use. Personnel should use clothing and equipment consistent with good pesticide handling. Reduce stacking height where local conditions can affect package strength.

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: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

GENERAL INFORMATION

DSMA 36 is a postemergence herbicide for use in cotton, turf and non-crop areas. DSMA 36 contains a surfactant (wetting agent) in proper ratio for best results. It is not necessary to add additional surfactant to the spray tank. Local conditions and recommendations vary; consult local agricultural experiment station or extension service weed specialists for recommendations in your area.

MIXING INSTRUCTIONS: DSMA 36 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 herbicide and continue filling the tank with balance of water.

CLEAN CROP

DSMA 36

DSMA Plus Surfactant For Postemergence Weed Control
Product Contains 3.6 Pounds Disodium Methanearsonate Hexahydrate Equivalent Per Gallon

ACTIVE INGREDIENT:	
Disodium Methanearsonate	21.8%
INERT INGREDIENTS:	78.2%
TOTAL	100.0%
Total Arsenic, all in water-soluble form expressed as elemental	8.9%

ACCEPTED
DEC 23 1983
See Side Panel for Additional Precautionary Statements
34704

CAUTION:

KEEP OUT OF REACH OF CHILDREN

See Side Panel for Additional Precautionary Statements

EPA REG. NO. 34704-112
EPA EST. NO. _____

NET CONTENTS _____ U.S. GALLONS

* CLEAN CROP is a Registered T.M. of United Agri Products, Inc.

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11P83 A



FORMULATED BY:

PLATTE CHEMICAL COMPANY, INC.

50 SO. MAIN STREET

FREMONT, NEBRASKA 68025

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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 36 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

COTTON: DSMA 36 is useful as a directed postemergence spray for controlling 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 1 gallon of DSMA 36 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 grown 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 36 can be used for selective control of 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 1½ inches before treatment. Mix 3 fluid ounces (6 tablespoons) of DSMA 36 in 5 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 60 and 90°F. DO NOT water turf for at least 24 hours after application. Turfgrass may be temporarily discolored. Bermudagrass, Bluegrasses and Zoysiagrass have shown tolerance to properly applied DSMA 36. 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 36 is effective in controlling Barnyardgrass, Cocklebur, Smooth and Large Crabgrass, Dallisgrass, Goosegrass, Johnsongrass, and 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 1 gallon of DSMA 36 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 water used by xxx

NOTICE OF WARRANTY

Platte warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Platte. In no case shall Platte be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. Platte makes no warranties of Merchantability or fitness for a particular purpose nor any other express or implied warranty except as stated above.

