

Reg # 63239-4

PM-22

LABRUNC

1710



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

DEC 9 1993

Barbara Brown
APC HOLDING CORPORATION
2215 WEST STREET - 2ND FLOOR
GERMANTOWN, TN 38138

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 08/19/93 in Response to PR Notice 93-7
EPA Reg. No. 63239-4
DSMA 81% DRY POWDER FOR SELECTIVE POST-EMERGENT

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.

BEST AVAILABLE COPY



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

2910

Page 2

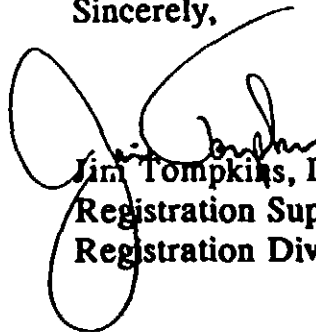
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

BEST AVAILABLE COPY

39 10

**APC HOLDING CORPORATION
EPA REG NO. 63239-4 08/19/93
DSMA 81% DRY POWDER FOR SELECTIVE POST-EMERGENT**

Original Submission

Remove the statement "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 areas during application." from its current position within the Agricultural Use Box and place it above the Agricultural Use Box.

Protective eyewear is not required for early entry. Delete "Protective eyewear" from the Agricultural Use Requirements Box on your proposed labeling.

BEST AVAILABLE COPY

4910

1

APC HOLDING

DSMA 81
DRY POWDER

FOR SELECTIVE POSTEMERGENT WEED CONTROL

ACTIVE INGREDIENTS: Disodium Methanearsonate 81.0%

INERT INGREDIENTS: 19.0%

TOTAL 100.0%

Total Arsenic (as elemental) all in water soluble form 81.0%
(Equivalent to 128.5% Disodium Methanearsonate hexahydrate)

KEEP OUT OF REACH OF CHILDREN

CAUTION

<p>IF SWALLOWED: Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not give anything by mouth to an unconscious person. Get medical attention.</p> <p>IF IN EYES: Immediately flush eyes with plenty of water for at least 15 minutes and get medical attention.</p> <p>IF ON SKIN: Wash contaminated areas thoroughly with soap and water. Do not reuse contaminated clothing until washed. Get medical attention if irritation develops.</p>

See side panel for additional precautionary statements.

EPA REGISTRATION NO. 63239-4
EPA ESTABLISHMENT NO. 19713-MS-1

NET CONTENTS

WPS DELETIONS/REVISIONS 8/93

ACCEPTED
with COMMENTS
In EPA Letter Dated

DEC 9 1993

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

63239-4

APC HOLDING
2215 WEST STREET
2ND FLOOR
GERMANTOWN, TN 38138

FOR CHEMICAL SPILL, LEAK, FIRE, OR EXPOSURE
CALL TOLL FREE: 1-800-429-9300

BEST AVAILABLE COPY

(SIDE PANEL)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid breathing spray mist. Avoid contact with skin, eyes and clothing. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation occurs. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The being treated must be vacated by unprotected persons.

PERSONAL PROTECTIVE EQUIPMENT: Applicators and other handlers (other than mixers and loaders) must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Chemical-resistant footwear plus socks
- Dust/Mist Filtering Respirator (MSNA/NIOSH approval number prefix TC-21C)

Mixers and loaders must wear:

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

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.

USER SAFETY RECOMMENDATIONS
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.

ENVIRONMENTAL HAZARDS

For terrestrial uses, do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not contaminate water used by wildlife or aquatic life or water used for domestic or irrigation purposes.

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 THROUGH ANY TYPE OF IRRIGATION SYSTEM.

BEST AVAILABLE COPY

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 procedures. See the statement of the State Department of Agriculture regarding this product's registration under the Worker Protection Standard, 40 CFR part 170, for more information.

The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

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.

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
- Chemical resistant footwear plus socks
- Protective eyewear

Wear-protective-clothing-when-handling-or-applying-this-product including-long-pants,-long-sleeve-shirt,-and-impermeable-gloves and-boots.-Mixer-loaders-should-include-an-apron-and-full-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-

Do-not-enter-treated-areas-without-protective-clothing-until sprays-have-dried-

Because-certain-states-may-require-more-restrictive-re-entry intervals-for-various-crops-treated-with-this-product,-consult your-State-Department-of-Agriculture-for-further-information

BEST AVAILABLE COPY

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Workers should not enter treated fields without protective clothing until sprays have dried. Protective clothing must include hat, long sleeve shirt, long legged pants, impermeable boots, and gloves.

In case of accidental exposure, immediately go to an area where all contaminated clothing can be removed, including shoes. Wash all exposed areas with soap and water. Do not reuse contaminated clothing until washed.

When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information:

Caution: Area treated with DSMA. Do not enter without appropriate protective clothing until spray dries.

In the event of accidental exposure, immediately go to an area where all contaminated clothing, including shoes, can be removed. Thoroughly wash all exposed areas, including hair, with soap and water. Do not reuse contaminated clothing until washed.

GENERAL INFORMATION: DSMA 81 Herbicide is useful for selective postemergent weed control, particularly for grassy weeds in cotton, lawn and ornamental turf, and non-crop areas. Its phytotoxic properties are quickly inactivated on contact with soil. DSMA 81 Herbicide does not contain a surfactant. Its activity is enhanced by the addition of a suitable agricultural surfactant to the spray mix. Best results are obtained on young actively growing weeds at air temperature above 70° F.

DSMA 81 Herbicide applied properly will kill or control noxious weeds susceptible to DSMA such as:

- | | |
|------------------------------|--------------|
| Bahiagrass | Johnsongrass |
| Barnyardgrass | Nutgrass |
| Brachiaria Spp. | Nutsedge |
| Chickweed | Pigweed |
| Cocklebur | Puncturevine |
| Crabgrass (smooth and large) | Sandbur |
| Dallisgrass | Watergrass |
| Foxtail (green and yellow) | Wood Sorrell |
| Goosegrass | |

BEST AVAILABLE COPY

MIXING INSTRUCTIONS: DSMA 81 Herbicide, even though completely water soluble, must be thoroughly mixed. 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, agitate, then apply. After use, clean equipment thoroughly by flushing with water. Do not store spray solution in tank for a prolonged period.

DIRECTIONS FOR USE IN COTTON

DSMA 81 DRY POWDER Herbicide is useful for control of emerged weeds and grasses such as those listed under GENERAL INFORMATION and any similar weeds in cotton.

POSTEMERGENT-DIRECTED: Mix DSMA 81 Herbicide at a rate of 2.8 pounds plus 1 pint of a good agricultural surfactant in 40 gallons of water for application as a directed broadcast spray to 1 acre when weeds are small. For band applications in 40-inch rows, apply 1 gallon of spray solution per inch of band width per acre. 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. Keep spray off cotton foliage. Apply only when cotton is 3 inches high to first bloom. Do not apply after first bloom. Nozzles should be adjusted to direct spray to weeds to allow maximum coverage of weeds with no contact to cotton foliage.

For Postemergent-Directed Banded Applications:

Band Size	Amount of DSMA 81 Per Acre	Surfactant Per Acre	Gallons of Water Per Acre
12"	0.84 lb.	1/2 pint	12
14"	1.00 lb.	1/2 pint	14

Off-center fan type nozzles, 100 mesh screen, approximately 5 inches from the ground with 25-pound pressure may be used. Do not apply after first bloom.

Slight burning and a reddish discoloration of the cotton leaf may occasionally occur following the recommended treatment, but the cotton plant will fully recover.

Do not apply when conditions favor drift from areas being treated as injury to non-target areas or adjacent crops may result. Do not feed treated foliage to livestock or graze treated areas.

BEST AVAILABLE COPY

LAWN AND ORNAMENTAL TURFGRASS: DSMA 81 Herbicide is useful for control of emerged weeds and grasses such as those listed under **GENERAL INFORMATION** and many similar weeds with little or no injury to good grass lawns. On new lawns, do not treat until after 3 mowings. Good grasses may be temporarily discolored. Zoysia, Bluegrass, and Bermuda are quite tolerant. Injury may result if applied to Bentgrasses and Fescue. Do not apply to St. Augustine, Carpetgrass, Centipedegrass, or to Dichondra.

Mow turfgrass 1 to 1 1/2 inches high before treatment. Mix 1 1/2 pounds of DSMA 81 Herbicide plus 1/2 fluid ounces of a suitable surfactant in 1 1/2 gallons of water and apply to 1,000 square feet area. Spray thoroughly to wet all undesirable plants. Repeat applications, 10 to 14 days apart, may be needed for good control. Applications should be made during warm weather (between 80° to 90°F.). Do not water turf for at least 24 hours after applications. Do not apply with hose-end applicators

Do not reseed until two weeks after last application. Keep children and domestic animals off treated areas until this material has washed into the soil.

NON-CROP USE: DSMA 81 Herbicide is useful for control of emerged weeds and grasses such as those listed under **GENERAL INFORMATION** and many similar weeds on drainage ditchbanks, fence rows, right-of-ways, storage yards and similar non-crop areas. Applications should be made when weeds are small and conditions are favorable for good weed growth.

Mix DSMA 81 at a rate of 6 to 14 pounds plus 1 to 2 quarts of a suitable surfactant in 100 gallons of water. Spray unwanted vegetation thoroughly at a rate of about 50 gallons of spray solution per acre. Use spray equipment that gives good low volume coverage. If regrowth occurs, reapply as required.

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

STORAGE AND DISPOSAL

STORAGE: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not store this product near fertilizers, seeds, insecticides or fungicides. Do not store near heat or open flame. Damaged or leaking containers which cannot be used immediately should be transferred to suitable sound containers and properly marked. Sweep up any spills and dispose of as indicated under "Pesticide Disposal".

For safety and prevention of unauthorized use, all pesticides should be stored in locked facilities.

To prevent accidental misuse, different pesticides should be stored in separate areas with enough distance between to provide clear identification.

BEST AVAILABLE COPY

Opened, partially used pesticides should be stored in original labeled containers when possible. When transfer to another container is necessary because of leakage or damage, carefully mark and identify contents of the new container.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your state pesticide or environmental control agency or the hazardous waste representative at the nearest EPA regional office for guidance.

PACKAGING DISPOSAL: Completely empty bag into applicator equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authority, by burning. If burned, stay out of smoke.

WARRANTY

Seller warrants 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 or any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions or under abnormal conditions or conditions not reasonably foreseeable to seller. The buyer assumes the risk of any such use.

BEST AVAILABLE COPY