

DEC 14 1983

Michael A. Peplowski
SDS Biotech Corporation
7528 Auburn Road
P.O. Box 348
Painesville, OH 44077

Dear Mr. Peplowski:

Subject: Methanearsonates
Daconate 6
EPA Registration No. 50534-5
Super Arsonate
EPA Registration No. 50534-31
Ansar 170 Herbicide MSMA Liquid
for Selective Post-Emergent Weed Control
EPA Registration No. 50534-36
Ansar 170 H.C. Herbicide High Concentrate MSMA Liquid
for Selective Post-emergent Weed Control
EPA Registration No. 50534-48
Your Submissions of December 1, 1983

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(e)(7)(A) is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

a. In the Non-crop Section, reinstate the following statement:

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

b. In the appropriate agricultural use sections after surfactant specify:

Cleared for application to growing crops.

CONCURRENCES

SYMBOL ▶								
SURNAME ▶								
DATE ▶								

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

A stamped copy of the label is enclosed for your records.

Sincerely yours,

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

Enclosure

DCR-10814:Mountfort:12/9/83:del.12/24/83:RD-25:tar

50534-15

Net Contents 55 Gallons/208 Liters



Daconate® 6

MSMA Plus Surfactant For Postemergence Weed Control
Product Contains 6.0 Pounds MSMA Per Gallon

Active Ingredient: Monosodium Acid Methane arsonate	38.3
Inert Ingredients:	61.7
Total:	100.0
Total Arsenic, all in water-soluble form, expressed as elemental	
	22.5

Keep Out of Reach of Children
CAUTION

Harmful if swallowed or absorbed through the skin. ✓
Avoid contact with eyes, skin or clothing.
Avoid breathing vapors 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. ✓

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-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.

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.

Daconate 6

Read entire label before using this product

General Information

Daconate 6 is a postemergence herbicide for use in cotton, turf and non-crop areas. **Daconate 6** 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: **Daconate 6** 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 **Daconate 6** herbicide and continue filling the tank with balance of water.

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

Application Methods: **Daconate 6** 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.

Cotton: **Daconate 6** 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 2 $\frac{1}{2}$ pints of **Daconate 6** 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: **Daconate 6** can be used for selective control of Bahiagrass, barnyardgrass, chickweed, smooth and large crabgrass, dallisgrass, nutsedge, sandbur and wood sorrell with little or no injury to well-established, actively growing turfgrasses. Mow turfgrass to height of 1 to 1 $\frac{1}{2}$ inches before treatment. Mix 1 fluid ounce (2 tablespoons) of

Daconate 6 in 5 gallons of water for application to an area of 1,000 square feet. **Established bermudagrass and zoysiagrass** - mix 1 to 2 fluid ounces (2 to 4 tablespoons) of **Daconate 6** 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 of 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. Turfgrass may be temporarily discolored. Bermudagrass, bluegrass and zoysiagrass have shown tolerance to properly applied **Daconate 6**. 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: **Daconate 6** is effective in controlling barnyardgrass, cocklebur, smooth and large crabgrass, dallisgrass, goosegrass, johnsongrass, nutsedge and many similar weeds on drainage ditchbanks, 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 2 $\frac{1}{2}$ to 2 $\frac{3}{4}$ pints of **Daconate 6** 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

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

Warranty and Limitation of Damages

Seller warrants that this material 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 and Buyer assumes the responsibility for 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 except in writing with a specific reference to this warranty. 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.

Transfer from 677-268

Record Number 107345

CRISIS FORM FOR APPLICATIONS INITIATED BY THE AGENCY

Reference Number 99

Input Date _____

1. Site Symbol/Reg. No. 50534-5 2. FY 23 3. Action Code 435

4. Type of Action (check one only)

- (1) Registration Guidance 900.-3(c)(2)(B)
- (2) Registration-Mixtures-(1)(2)(B)
- (3) Registration-Labeling Only
- (4) Other-3(c)(2)(B)
- (5) LIP-Label Improvement Program
- (6) Classification by Regulation
- (7) Other

5. Descriptor METHANEARSONATES LETTER (LABEL REVISION)

6. Date of Outgoing Letter

11 | 01 | 31 | 83
MO DAY YR

7. Response Due Date

11 | 12 | 16 | 83
MO DAY YR

8. Date on Submission

11 | 12 | 01 | 83
MO DAY YR

9. EPA Receive Date

11 | 12 | 06 | 83
MO DAY YR

10. PM Receive Date

11 | 12 | 06 | 83
MO DAY YR

11. Reviews Requested:

NO	DATE SENT	QUESTIONS	DATE RECEIVED	RESPONSE	RECEIVED
450					
575					
302					
333					
72					
30					
24					
21					
28					
27					

Response Date 17 Response Date 12/14/83

Rover No

Michael A. Peplowski
SDS Biotech Corporation
7528 Auburn Road
P.O. Box 348
Painesville, OH 44077

NOV 18 1983

Dear Mr. Peplowski:

Subject: Label Revisions
Deconate 6
EPA Registration No. 50534-5 ✓
Bueno 6
EPA Registration No. 50534-6
Your Submission Dated November 2, 1983

We have reviewed your revised labels for these products and have no adverse comments.

We note that these labels do not contain the protective clothing and other required statements specified in our letter dated October 3, 1983, for products containing methanearsonates.

Also, please note that labeling, such as that submitted for Bueno 6, which contain directions for use registered under section 24(c) (SLN uses) cannot be stamped accepted.

Sincerely yours,

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

TS-767: MOUNTFORT: DCR-25953: WANG-1243C: vgr: Raven: 479-2013: 11/15/83

CONCURRENCES

SYMBOL ▶							
SURNAME ▶							
DATE ▶							



November 2, 1983

Mr. R. F. Mountfort (PM 23)
Herbicide-Fungicide Branch
Registration Division (TS-767C)
Office of Pesticide Programs
U.S. Environmental Protection Agency
Waterside Mall - East Tower
401 M Street
Washington, D.C. 20460

Dear Mr. Mountfort:

SUBJECT: SPECIMEN LABELS

Enclosed find five copies of specimen labels for the following three products for your files:

<u>Product</u>	<u>Old Diamond Shamrock EPA Reg. No.</u>	<u>New SDS Biotech EPA Reg. No.</u>
Daconate 6	677-268	50534-5 ✓
Bueno 6	677-269	50534-6
2 Plus 2	677-451	50534-11

These labels contain the new SDS Biotech Corporation logo, address and EPA registration numbers. Also incorporated onto the labels is all necessary wording to comply with PR Notice 83-3 - Storage and Disposal Label Statements. Our specimen labels are produced from the actual product container's artwork; however, they are reduced and rearranged in order to fit an 8-1/2" x 11" format.

Concerning PR Notice 83-3, two additional statements were left intact which were previously accepted by your office. Under the "Storage and Disposal" heading, the statement "Open dumping is prohibited", and under the "Container Disposal" Section, the statement "Do not reuse empty container", were retained.

Container disposal statements were chosen for these products as follows.

Artwork exists for all package sizes. Generally, our atron-ate products shipped in 30 or 55 gallon sizes are packaged in metal containers. Those packaged in smaller sizes are

contained in plastic. To reduce paperwork, I have not supplied you with copies of artwork for each container size/type. Other than the "Net Contents" statement, the only difference is the Container Disposal Statement; this statement is based on container composition, i.e. metal, plastic, etc. The Bueno 6 Specimen Label contains the container disposal statements used on all our arsonate products packaged in plastic containers. The Daconate 6 contains the container disposal statements for all those packaged in metal. (Both products are packaged in both types of containers.) If you wish copies of these different container labels, I will supply them to you at your request. However, we do not feel it necessary. Please be assured that the actual product container in the field has the appropriate statements based on container composition.

If you should have any questions concerning these labels, please do not hesitate to call me at 216/357-3416.

Sincerely,

SDS BIOTECH CORPORATION

Michael A. Peplowski

Michael A. Peplowski
Supervisor, Product Registrations

MAP/alk

Enclosures (15)