

5905-66

1/3/2003

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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 2-28-95



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input checked="" type="checkbox"/>	Amendment
<input type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 5905-66	2. EPA Product Manager J. Tompkins	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) MSMA PLUS	PM# 25	
5. Name and Address of Applicant (Include ZIP Code) Helena Chemical Company 225 Schilling Boulevard, Suite 300 Collierville, Tennessee 38017 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input checked="" type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

NOTIFICATION
JAN 3 - 2003

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Amended draft labeling by notification per PR Notice 98-10 to correct typographical errors. Certification attached in correspondence.

Section - III

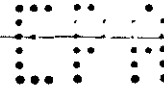
1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

Section - IV

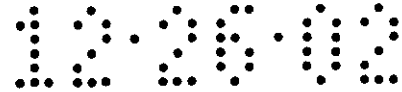
1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Emily Smathers Ratliff		Title Product Registration Supervisor		Telephone No. (Include Area Code) 901/752-4422	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					6. Date Application Received (Stamped)
2. Signature		3. Title Product Registration Supervisor			
4. Typed Name Emily Smathers Ratliff		5. Date 12/19/2002			



HELENA CHEMICAL COMPANY
225 Schilling Blvd., Suite 300
Collierville, Tennessee 38017
Telephone: 901/761-0050



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VIA FEDERAL EXPRESS

December 19, 2002

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504C)
U. S. Environmental Protection Agency
1921 Jefferson Davis Highway
Crystal Mall #2; Room 266A
Arlington, VA 22202

RE: AMENDMENT BY NOTIFICATION TO CORRECT TYPOGRAPHICAL/PRINTING ERROR

1. 2,4-D AMINE	5905-72
2. 2,4-D LV ESTER	5905-93
3. 2,4-D LV ESTER 4	5905-90
4. 3 LB. CHLORATE DEFOLIANT-DESICCANT	5905-118
5. 3.5 LB. LIQUID COPPER CONCENTRATE	5905-483
6. 6 LB. SODIUM CHLORATE DEFOLIANT-DESICCANT	5905-461
7. ATRAZINE 4L	5905-470
8. ATRAZINE 90DF	5905-522
9. BRUSH RHAP LV 4-D HERBICIDE	5905-98
10. CITRUSPERSE SULPHUR	5905-350
11. COPPER-Z 6/2 GRANULAR	5905-524
12. DUSTING SULPHUR	5905-288
13. HELENA 3.5 LB LIQUID COPPER CONCENTRATE	5905-483
14. LIQUID SULFUR SIX	5905-437
15. MSMA PLUS HC	5905-164
16. MSMA PLUS	5905-66
17. MSMA ARSONATE LIQUID	5905-67
18. PAR F 70 SOLUBLE OIL	5905-520
19. SOL OIL 97	5905-294
20. WEED RHAP A-4D	5905-501
21. WEED RHAP A-6D	5905-503
22. WEED RHAP LOW VOLATILE GRANULAR D HERBICIDE	5905-507
23. WEED RHAP LV-6D	5905-508
24. WEED RHAP LV-4D	5905-505

Dear Sherada:

Attached is draft amended labeling for the above referenced Helena Chemical Company products. All of these products are being amended by notification as allowed by PR Notice 98-10. The change consists only of a correction to the First Aid Statement which had a typographical/printing error caused by copy and paste on all items (except Weed Rhap A-4D 5905-501 – we are also doing a warranty update on

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Letter from Helena Chemical Company to Sherada Hobgood - U. S. EPA December 19, 2002

that label). Per the PM's on this topic, as well as Linda, this type of correction, which would usually be just a non-notification is better done by a notification in this case, therefore:

I hereby certify that these notifications are consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

In support of this action, please find the following enclosed for each of the listed products:

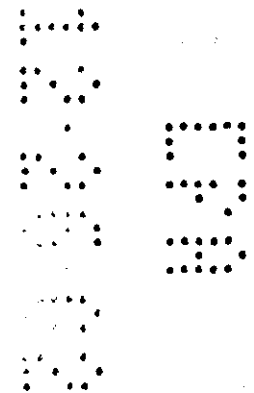
- 1. EPA Form 8570-1 - Application for Registration for Each
- 2. Two (2) Copies of Draft Amended Labeling for Each

If there are any questions about this submission, please contact me at 901-752-4421. Thank you for your attention to and assistance with this matter.

Sincerely,
HELENA CHEMICAL COMPANY



Emily Smathers Ratliff
Product Registration Supervisor



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MSMA PLUS*

***MONOSODIUM ACID METHANEARSONATE PLUS SURFACTANT FOR POST-EMERGENT WEED CONTROL IN COTTON**

ACTIVE INGREDIENTS:

Monosodium Acid Methanearsonate 35.43%

INERT INGREDIENTS: 64.57%

TOTAL 100.00%

Total Arsenic as elemental all in water soluble form 16.36%

This product contains 4 lbs. MSMA per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed, avoid breathing spray mist. May cause irritation of nose, throat and skin. Avoid contact with eyes, skin and clothing. Do not contaminate feed and food stuffs.

FIRST AID

IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Have a person sip a glass of water if able to swallow.
- Do not give anything to an unconscious or convulsing person.

IF IN EYES:

- Hold eyelid open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
- Call a poison control center or doctor immediately for treatment advice.

IF ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water 15-20 minutes.
- Call a poison control center or doctor immediately for treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. In case of emergency, call ChemTrec at 1-800-424-9300.

SEE INSIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO.: 5905-66

NET CONTENTS:

EPA EST. NO.:

**MANUFACTURED BY
HELENA CHEMICAL COMPANY
225 SCHILLING BOULEVARD, SUITE 300
COLLIERSVILLE TENNESSEE 38017**

PERSONAL PROTECTIVE EQUIPMENT

Some of the materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical-resistant category selection chart.

Applicator and other handlers (other than mixers and loaders) must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material such polyethylene or polyvinyl chloride
- Shoes plus socks

For exposures in enclosed areas, a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P, or HE prefilter.

For exposures outdoors, a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C) or a NIOSH approved respirator with any N, R, P, or HE filter.

Mixers and Loaders must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material such polyethylene or polyvinyl chloride
- Shoes plus socks
- Protective eyewear
- Chemical-resistant apron when mixing and loading

For exposures in enclosed areas, a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P, or HE prefilter.

For exposures outdoors, dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C) or a NIOSH approved respirator with any N, R, P, or HE filter.

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

- User 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.

ENVIRONMENTAL HAZARDS

NOTIFICATION

JAN 3 - 2003

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SPECIMEN LABEL

Do not apply directly to any body of water. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

CHEMIGATION PROHIBITION

Do not apply this product through any type of irrigation system.

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
- Chemical-resistant gloves
- Shoes plus socks.

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 agriculture pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forest, nurseries, or greenhouses.

Keep children and pets out of treated area until sprays have dried.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

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 incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

APPLICATION METHODS

MSMA PLUS 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. Adjust nozzles to allow maximum coverage of weeds and grasses.

MIXING INSTRUCTIONS

MSMA PLUS Herbicide must be thoroughly dissolved. Fill the spray tank about half full with water, and with the pump operating, add the required amount of MSMA PLUS Herbicide. Finish filling the tank with water and apply.

If preferred, MSMA PLUS Herbicide can be pre-mixed by dissolving the required amount of MSMA PLUS in 3 to 5 gallons of water in an open head bucket. This pre-mix should then be placed in the partially filled spray tank, and the tank filled.

Do not store spray solution in tank for a prolonged period, and clean application equipment thoroughly after use by flushing with water.

COTTON: MSMA PLUS is useful as a directed post-emergence spray for controlling weeds in cotton such as Johnsongrass, Cocklebur, nutgrass, goosegrass, watergrass and dallisgrass.

Mix at rate of 4 pints (2 quarts) of MSMA PLUS in 40 gallons of water. Apply as a directed broadcast spray at a rate of 40 gallons of this solution per acre. Keep spray off cotton foliage. MSMA PLUS is a combination of a suitable non-ionic surfactant (wetting agent) and herbicide. IT IS NOT NECESSARY TO ADD ANY OTHER SURFACTANT TO THE SPRAY SOLUTION. For band applications, apply at a rate of one gallon of spray mixture for each one inch of band width to be treated on cotton grown on a 40 inch row basis. A second or repeat application, if needed, should be timed 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 forage to livestock, or graze treated areas.

Slight burning and reddish discoloration of cotton may occasionally be seen following recommended treatment, but cotton will develop normally. Yield will not be affected.

NON-CROP USES: MSMA PLUS has been found to be useful and effective in controlling johnsongrass, cocklebur, nutgrass, watergrass, goosegrass, dallisgrass and certain other weeds on drainage ditchbanks, fence rows, rights-of-way, storage yards, and similar non-crop areas. Do not contaminate waters used for domestic consumption or by animals, wildlife and aquatic life, or water used or irrigation purposes.

Mix at rate of 4 pints (2 quarts) of MSMA PLUS in 40 gallons of water. It is not necessary to include additional surfactant (wetting agent).

Spray undesirable vegetation thoroughly to the point of runoff. Adequate coverage and complete wetting of foliage is very important. Repeat applications may be necessary if re-growth occurs.

CONDITIONS OF SALE - LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES

Read the Conditions of Sale - Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded.

The directions on this label are believed to be reliable and should be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions or the failure to follow the label directions or good application practices, all of which are beyond the control of Helena Chemical Company (the "Company") or seller. In

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SPECIMEN LABEL

addition, failure to follow label directions may cause injury to crops, animals, man or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. The Company makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

The exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at Helena Chemical Company's election, one of the following:

1. Refund of the purchase price paid by buyer or user for product bought, or
2. Replacement of the product used

To the extent allowed by law, the Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The Company and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

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