



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

### Application for Pesticide - Section I

1. Company/Product Number 19713-113	2. EPA Product Manager JIM TOMPKINS	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) DREXEL DSMA 81P	PM# 25/Herbicide Branch	
5. Name and Address of Applicant (Include ZIP Code)  Drexel Chemical Company, P.O. Box 13327 MEMPHIS, TN 38113-0327 <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 type="checkbox"/> Amendment - Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated _____	NOTIFICATION MAY 18 2004
<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.	

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

One (1) copy of the revised label (113SP-0404++) is submitted for your record and file. Please refer to the accompanying cover letter for details of this submission. The required certification statement is also submitted. Thank you.

### 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 LUZ G CHAN		Title REGISTRATION MANAGER		Telephone No. (Include Area Code) (901) 774-4370	
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 <i>LuZ G. Chan</i>		3. Title REGISTRATION MANAGER			
4. Typed Name LUZ G CHAN		5. Date April 23, 2004			

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Drexel

Drexel Chemical Company

NOTIFICATION

MAY 18 2004

April 27, 2004

***Submission of Revised Label per PR Notice 95-1***  
**DREXEL DSMA 81P (EPA Reg. No. 19713-113)**

This notification is 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.

FOR DREXEL CHEMICAL COMPANY



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LUZ G CHAN

Registration Manager

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NOTIFICATION

MAY 18 2004



Drexel

# DSMA 81P

For post-emergence weed control in Cotton, Turf and Non-crop areas.

**ACTIVE INGREDIENT:**

Disodium methanearsonate ..... 81.0%

**OTHER INGREDIENTS:** ..... 19.0%

**TOTAL:** ..... 100.0%

Total Arsenic, all in water-soluble form, expressed as elemental is 33%. This product contains the equivalent 128.5% Disodium methanearsonate hexahydrate equivalent.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

See FIRST AID Below

EPA Reg. No. 19713-113

EPA Est. No. 19713

Net Contents:

FIRST AID	
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious or convulsing person.</li> </ul>
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> </ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> </ul>
Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	

**PRECAUTIONARY STATEMENTS**

Hazards to Humans and Domestic Animals

**CAUTION:** Harmful if swallowed. May cause irritation of eyes, nose, throat and skin. Avoid contact with eyes, skin and clothing. Avoid breathing spray mist.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Some 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-resistance category selection chart.

**Applicators and other handlers (other than mixers and loaders) must wear:**

- Long-sleeved shirt and long pants
- Chemical-resistant gloves such as polyethylene or polyvinyl chloride
- Chemical-resistant footwear and socks

(Continued)

**PRECAUTIONARY STATEMENTS (Cont.)**

For exposure outdoors, a NIOSH approved respirator with any N, R, P or HE filter. For exposures in enclosed areas, a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P or HE prefilter.

**Mixers and loaders must wear:**

- Long-sleeved shirt and long pants
  - Chemical-resistant gloves such as polyethylene or polyvinyl chloride
  - Chemical-resistant footwear and socks
  - Protective eyewear
  - Chemical-resistant apron when mixing or loading
- Follow manufacturer's instructions for cleaning/maintaining PPE. If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS**

**Users should:** 1) Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 2) Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 3) 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 or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply to banks of ditches used for irrigation. Do not contaminate water used for irrigation or domestic purposes. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply when weather conditions favor drift from areas treated.

**GENERAL INFORMATION**

DSMA 81P is useful for selective post-emergent weed control, particularly for grassy weeds. Its activity is enhanced by addition of a suitable surfactant (approved for use on grown crops) to the spray solution. It is most effective on young, actively growing weeds at air temperatures above 70°F. Its phototoxic properties are quickly inactivated on contact with the soil.

**MIXING INSTRUCTIONS**

This product is completely water-soluble. Fill the spray equipment about half full with water and add the required amount of herbicide with agitation. Finish filling the tank with water and apply. Do not store spray solution in tank for a prolonged period, and clean application equipment thoroughly after using by flushing with water. Although this product is only moderately corrosive, do not use in galvanized or aluminum equipment.



Manufactured By:  
**Drexel Chemical Company**

P.O. BOX 13327, MEMPHIS, TN 38113-0327

SINCE 1972



## 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 (WPS), 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, 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 (REI). The requirements in this box only apply to uses of this product that are covered by the WPS. Do not enter or allow worker entry into treated areas during the REI of 12 hours.

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

#### Coveralls

Chemical-resistant gloves such as polyethylene or polyvinyl chloride  
Chemical-resistant footwear plus socks

### APPLICATION INSTRUCTIONS FOR COTTON

This product is useful as a directed application cotton for post-emergent control of weeds and grasses such as Johnsongrass, Nutsedge, Dallisgrass, Cocklebur, Ragweed, Sandbur, and Puncturevine. This product should be applied to weeds in cotton at the rate of 2.8 lbs. per acre.

If this product is to be applied topically (by either ground or aerial application, then a second directed application one to three weeks after the first, may be made if regrowth occurs.

If this product is not applied topically then one directed application of this product may be made, followed one to three weeks after the first, with a second directed application of either this product or DSMA Liquid.

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

#### TOPICAL BY GROUND EQUIPMENT:

Mix 7 lbs. of this product in 100 gallons of water and add one to two qts. of a mild agricultural surfactant suitable for use on growing crops. Apply 40 gals. of spray solution per treated acre. For topical band application in 40 inch row Cotton, apply 1 gal. of spray for each inch of band width per acre. Apply only when Cotton has 1 to 2 true leaves to first square.

#### AERIAL APPLICATION:

Apply at the rate of 2.8 lbs. of this product per acre. Mix 28 lbs. of this product and 1 qt. of a mild agricultural surfactant for use on growing crops in 50 gals. of water and apply at 5 gals. per acre. Do not apply by air on windy days or in a manner that would allow spray drift to come in contact with adjacent crops or non-target areas. Do not make topical applications to Cotton when drought conditions or cool temperatures prevail. Apply topical only when Cotton has 1 to 2 true leaves to first square formation.

#### DIRECTED APPLICATIONS:

Mix at the rate of 7 lbs. in 100 gals. of water and add 1 to 2 qts. of a mild surfactant. Apply at a broadcast rate of 40 gals. per treated acre. For band application in 40 inch rows, apply 1 gal. of spray solution per inch of band. Apply only when Cotton is 2 inches high to first bloom. Slight burning and a reddish discoloration of the cotton leaf occasionally occur following the recommended treatment, but the Cotton plant will develop normally. This product should be applied with a low volume sprayer, with satisfactory pumping and by-pass action.

#### CITRUS-BEARING AND NON-BEARING (Except FL):

This product is useful as a directed application in citrus orchards such as Orange, Grapefruit, Tangerine, Lemon and Lime orchards. It should be applied at the rate of 3 to 6 lbs. per acre. Mix this product at the rate of 3 to 6 lbs. plus 1 to 2 qts. of a suitable surfactant, in 100 gals. of water. Apply as a directed spray in interspaces and around base of trees. Spray unwanted vegetation to just short of run-off. If regrowth occurs, reapply as required; however, do not exceed 3 applications per year

Do not allow spray solution to contact fruit, leaves, stems or bark. Use a shield, if necessary, for nursery plantings or young trees.

## NON-CROP

This product is useful for controlling Johnsongrass, Nutsedge and certain other weeds in drainage ditchbanks, rights-of-way, storage yards and similar non-crop areas.

Mix this product at a rate of 3 to 6 lbs. plus 1 to 2 qts. of a suitable surfactant, in 100 gallons of water. Spray the unwanted vegetation thoroughly to just short of runoff. Any spray equipment that gives good coverage may be used. If regrowth occurs, reapply as required. Do not contaminate waters used for domestic consumption or by animals, wildlife and aquatic life or for irrigation purposes.

### LAWN AND ORNAMENTAL TURF

This product is designed for the selective kill of Dallisgrass, Crabgrass, Sanbur, Bahiagrass, Nutsedge, Chickweed and Woodsorrel with little or no injury to tolerant lawn grasses. On new lawns, do not treat until after three mowings. Tolerant grasses may be temporarily affected, especially in hot weather. Rain or watering will revive them. Dent and Fescue grasses are generally more sensitive, and may be temporarily discolored. Zoysia, Bluegrasses and Bermuda are quite tolerant. Do not use on St. Augustine or Centipede. Mow lawns 1 to 1.5 inches high before treatment. Mix 1.5 ozs. of this product in 5 gals. of water containing 2 to 3 fl. ozs. of a suitable surfactant, and apply to an area of 1,000 sq. ft. Spray thoroughly to wet all undesirable plants. Repeat applications 10 to 14 days apart may be needed for good control

DO NOT APPLY WITH HOSE-END APPLICATORS.

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Storage should be under lock and key and secure from access by unauthorized persons and children. Storage should be in a cool, dry area away from any heat or ignition source. Do not stack over 2 pallets high. Move containers by handles or in cases. Do not move containers from one area to another unless they are securely sealed. Keep containers tightly sealed when not in use. Keep away from any puncture source. Avoid storage near water supplies, food, feed and fertilizer to avoid contamination. This material is incompatible with aluminum and zinc. Do not expose this concentrate or the spray solution to aluminum or galvanized metal. Store in original containers only. If the contents are leaking or material is spilled, follow these steps while wearing protective clothing:

1. Contain spill. Absorb with material such as sawdust, clay granules or dirt.
2. Collect and place in suitable containers for disposal.
3. Wash area with soap and water to remove remaining pesticide.
4. Follow washing with clean water rinse.
5. Do not allow runoff to enter sewer or contaminate water supplies.
6. Dispose of waste as indicated below.

**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 incineration, or, if allowed by State and Local authorities, by burning. If burned, stay out of smoke.

### WARRANTY—CONDITIONS OF SALE

OUR RECOMMENDATIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the Seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith.

In no case shall the Manufacturer or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by the Seller and is accepted as such by the Buyer.



**Drexel Chemical Company**

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April 27, 2004

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

**Re: Submission of Revised Label by Notification per PR Notice 95-1  
DREXEL DSMA 81P (EPA Reg. No. 19713-113)**

Herewith:

1. Completed EPA Form 8570-1.
2. One (1) copy of the revised label (113SP-0404++). The following is the change made on the label:
  - i) In the Environmental Hazards section, the paragraph, "Note: Add this statement to all container sizes.....Office of the EPA." was deleted. Per PR Notice 95-1, this only applies to end-use products registered for industrial preservative, water treatment, other industrial processing uses and commercial and institutional uses.
3. Certification Statement per PR Notice 98-10

If you have questions/clarification regarding this submission, I can be reached at (901) 774-4370. My e-mail address is Lchan@drexchem.com.

Thank you.

Respectfully yours,  
FOR DREXEL CHEMICAL COMPANY

  
Luz Chan  
Registration Manager

