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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 11-30-93

(A)



United States Environmental Protection Agency
Office of Pesticide Programs (H7505C)
Washington, DC 20460
Application for Pesticide:

Registration
 Amendment
 Other

OPP Identifier Number
194437

Section I

1. Company/Product Number 19713-41	2. EPA Product Manager <i>Joanne Miller</i>	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) MSMA 6.6	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Drexel Chemical Company P.O.Box 9306 2484 Pennsylvania St Memphis, TN 38109 <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 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 LABEL NOT REVIEWED PER PR NOTICE 93-6

DATE 8/3/93

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

Amendment to meet the Requirements of PR Notice 93-3
"Labeling Statement Prohibiting Application To Water".

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
	If "Yes," Unit Package wgt.	No. per container	If "Yes," Package wgt.	<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) of Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
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 Barbara Brown	Title Labeling Specialist	Telephone No. (Include Area Code) 901-774-4370
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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.

2. Signature <i>Barbara Brown</i>	3. Title Labeling Specialist	6. Date Application Received (Stamped)
4. Typed Name Barbara Brown	5. Date JUL 09 1993	

NOTIFICATION
LABEL NOT REVIEWED
PER PR NOTICE 88-6
DATE. 8/3/93

DREXEL
MSMA 6.6

MSMA LIQUID
For Selective
Post-Emergent Weed Control

ACTIVE INGREDIENTS:

Monosodium Acid Methanearsonate*	51.0%
INERT INGREDIENTS:	49.0%
Total Arsenic (as elemental)	
all in water soluble form	23.61%

*Product contains 6.6 lbs. MSMA per gallon.

KEEP OUT OF REACH OF CHILDREN
CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF SPLASHED IN EYES: Immediately flush eyes with plenty of water for at least 15 minutes and get medical attention.

IF SPILLED ON SKIN: Immediately remove contaminated clothing, INCLUDING SHOES, and wash skin with soap and plenty of water. If irritation develops, send for a physician.

IF INHALED: Remove victim to fresh air

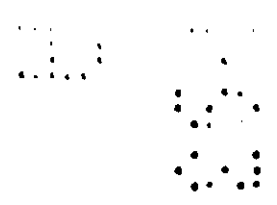
DO NOT enter treated areas without protective clothing until sprays have dried.

See Side Panel For Additional Precautionary Statements.

Deletions 6/93

EPA Reg. No. 19713-41	NET CONTENTS	GALLONS
EPA Est. No. 19713-MS-1		
		LITERS

DREXEL CHEMICAL COMPANY
P O Box 9306
Memphis, Tn 38109



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. Wash hands and face before eating or smoking. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Do not contaminate feed and foodstuffs. Keep children and domestic animals off treated areas until this material has been washed into the soil. 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 person.

PROTECTIVE CLOTHING REQUIREMENTS:

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

For terrestrial uses, do not apply directly to any body of water, or to areas where surface water is present or to intertidal areas below the mean high water mark. 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.

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.

GENERAL INFORMATION:

MSMA 6.6 Herbicide is useful for selective post-emergent weed control, particularly for grassy weeds. Its activity is enhanced by addition of a suitable surfactant to the spray solution. It is most effective on young, actively growing weeds at air temperatures above 70°F. Its phytotoxic properties are quickly inactivated on contact with soil.

MIXING INSTRUCTIONS: MSMA 6.6 Herbicide must be thoroughly dissolved. 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 and apply. After use, clean equipment thoroughly by flushing with water. Do not store spray solution in tank for a prolonged period.

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COTTON: MSMA 6.6 Herbicide is useful as a directed application in cotton for the post-emergent control of weeds and grasses such as johnsongrass, nutsedge, Dallisgrass, cocklebur, barnyardgrass, ragweed, sandbur and puncture vine. It should be applied at the rate of 2-1/2 pints per acre.

Add 6 pints of MSMA 6.6 Herbicide and 1 to 2 quarts of a suitable surfactant to 100 gallons of water and mix thoroughly. Apply spray solution at 40 gallons per acre. Weed control is most effective at temperatures above 70° F. For band application in 40 inch rows, apply 1 gallon of spray solution per inch of band width per acre. Direct the spray solution to the base of the cotton plant. Nozzles should be placed so as to avoid spraying the cotton foliage. 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.

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

APPLY ONLY WHEN COTTON IS 3 INCHES HIGH TO FIRST BLOOM. DO NOT APPLY AFTER FIRST BLOOM. DO NOT FEED TREATED FOLIAGE TO LIVESTOCK, OR GRAZE TREATED AREAS.

NON-CROP: MSMA 6.6 Herbicide is useful for controlling johnsongrass, nutsedge, barnyardgrass, and other weeds on drainage ditch banks, right of way, storage yards, and similar non-crop areas.

Mix MSMA 6.6 Herbicide at a rate of 3 to 6 pings, plus 1 to 2 quarts of a suitable surfactant in 100 gallons of water. Spray the unwanted vegetation thoroughly to just short of run-off. 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: MSMA 6.6 Herbicide is useful for control of dallisgrass, sandbur, bahiagrass, nutsedge, barnyardgrass, chickweed and wood sorrel with little or no injury to good lawn grasses. On new lawns, do not treat until after three mowings. Good grasses may be temporarily discolored. Zoysia, bluegrass, and bermuda are quite tolerant. Do not use on St. Augustine or Centipede.

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Mow lawns 1 to 1-1/2 inches high before treatment. Mix 1 fluid ounce (2 tablespoons) of MSMA 6.6 Herbicide and 1/2 fluid ounce (1 tablespoon) of a suitable surfactant in 5 gallons of water and apply to an area of 1,000 square feet. 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 or disposal.

STORAGE INSTRUCTIONS.

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. High heat may form volatile arsenic compounds. 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 container tightly sealed when not in use. Keep away from any puncture source. Avoid storage near water supplies, food, feed, seed, fungicides, insecticides and fertilizer to avoid contamination. 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 an inert material such as sand or saw dust.
2. Collect and place in suitable containers for disposal.
3. Wash area with water and soap to remove remaining pesticide.
4. Follow washing with clean water rinse.
5. Place a leaking container in a plastic tub and transfer contents as soon as possible to an empty original container.
6. Do not allow run-off to enter sewer or contaminate water supplies.
7. 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 incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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WARRANTY - CONDITION OF SALE:

DIRECTIONS FOR USE of this product are based on field use and tests believed reliable and should be followed carefully. It is however impossible to eliminate all risks associated with use of this product. Because such factors as weather conditions, foreign material and manner of use for application are all beyond the control of the Seller of this product, such things as crop injury, ineffectiveness or other unintended consequences may result.

All SUCH RISKS ARE ASSUMED BY THE BUYER

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the directions for use. Seller makes no other warranties, express or implied, including FITNESS OR MERCHANTABILITY. In no case shall the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. The foregoing is a condition of sale by the Seller and is accepted as such by the Buyer.

