

19713-42

1-29-1999

1/3

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

Registration
Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number DREXEL CHEMICAL COMPANY / 19713-42	2. EPA Product Manager DR. JIM TOMPKINS	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) DREXEL MSMA 6 PLUS	PM# HERBICIDE BRANCH 25	
5. Name and Address of Applicant (Include ZIP Code) Drexel Chemical Company, 1700 Channel Avenue Memphis, TN 38113 <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 _____	NOTIFICATION JAN 29 1999
<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.)

We are submitting, herewith, by Notification 5 copies of the revised label (42SP-1198a) as per PR Notices 98-9 and 98-10.

Also, we have corrected the words "sprays have dried" to "washed into the soil" under the Non-Agricultural Use Requirements Box as per the EPA stamped accepted label of November 13, 1996.

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 <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
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 PIWONKA	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 	3. Title REGISTRATION MANAGER	
4. Typed Name LUZ G PIWONKA	5. Date 1/25/99	

213

NOTIFICATION

JAN 29 1999

Drexel

MSMA 6 Plus

MSMA Liquid Plus Surfactant

For Selective Post-emergent Weed Control.

ACTIVE INGREDIENT:

Monosodium acid methanearsonate*	47.6%
OTHER INGREDIENTS:	52.4%
TOTAL	100.0%

*Product contains 6 lbs. MSMA per gallon. Total arsenic (as elemental) all in water soluble form is 22%.

KEEP OUT OF REACH OF CHILDREN**CAUTION**

See Side Panel
See First Aid Below

Read Entire Label Before Using This Product

SHAKE WELL BEFORE USING

EPA Reg. No. 19713-42

EPA Est. No. 19713-MS-1

Net Contents: _____

FIRST AID

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 IN EYES: Immediately flush eyes with plenty of water and get medical attention.

IF ON SKIN: Immediately wash skin with plenty of soap and water. Get medical attention.

IF INHALED: Remove victim to fresh air. Get medical attention.

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. Do not contaminate feed and food stuffs.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear: Long-sleeved shirt and long pants, waterproof gloves, chemical-resistant footwear plus socks, protective eyewear, and a chemical-resistant apron when cleaning equipment, mixing or loading.

For exposures in enclosed areas: Respirator with 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 R, P or HE prefilter.

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

When handlers use 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.

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

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.

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 equipment washwaters.

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. 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, 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), restricted entry interval (REI) and notification to workers. 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 of 12 hours.

Personal Protective Equipment 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 and chemical-resistant footwear 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 agricultural pesticides (40 CFR Part 170). The Worker Protection Standard applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses. Keep children and domestic animals off treated areas until this material has been washed into the soil.

GENERAL INFORMATION

MSMA 6 Plus is useful for selective post-emergent weed control, particularly for grassy weeds. Its phytotoxic properties are quickly inactivated on contact with soil. It is a combination of herbicide and surfactant. It is unnecessary to add any surfactant to the spray solution. Best results are obtained on young, actively growing weeds at air temperatures above 70°F.

MIXING INSTRUCTIONS

This product is completely water soluble. Fill the spray equipment reservoir about half full with water and add the required amount of herbicide with agitation. Finish filling the tank with water and apply.

After use, clean equipment thoroughly by flushing with water. Do not store spray solution in tank for a prolonged period. Although this product is only moderately corrosive, do not use in galvanized or aluminum equipment.

Do not contaminate waters used for domestic consumption, or by animals, wildlife and aquatic life, or for irrigation purposes. Do not feed foliage to livestock or graze treated areas.

Manufactured By:

Drexel Chemical Company

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

SINCE 1972

• 42SP-1198(a)

MSMA 6 PLUS Page 1 of 2

COTTON

This product is useful as a pre-plant and/or directed application in cotton for the post-emergent control of weeds and grasses, such as Barnyardgrass, Cocklebur, Dallisgrass, Johnsongrass, Nutsedge, Puncturevine, Ragweed and Sandbur. It should be applied at the rate of 1/2 gallon per acre.

Mix 3 quarts of this product in 90 gallons of water. Do not add any surfactant to the spray solution. Apply spray solution at 40 gallons per treated 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 of cotton.

Pre-Plant Application: If planting of cotton has been delayed and weeds have emerged, use one pre-plant application. Cotton may be planted immediately following the pre-plant application.

Post-Emergent Applications: In cotton previously treated with one application of DSMA, a directed application of this product may be applied, if needed. In cotton not treated with DSMA, two post-emergent directed applications of this product may be applied.

Directed Applications: Direct the spray solution to the base of the cotton plant. Nozzles should be placed so as to avoid spraying the cotton foliage, but to give good coverage of the weeds and grasses. If regrowth occurs, make a second application about 1 to 3 weeks after the first. Slight burning and a reddish discoloration of the cotton leaf may occasionally occur following the directed application, but the cotton plant will develop normally.

Make directed applications only when cotton is 3 inches high to first bloom. Do not apply after first bloom.

CITRUS

Bearing and Non-Bearing (Except FL): This product is useful as a directed application in citrus orchards, such as grapefruit, lemon, lime, orange and tangerine orchards. It should be applied at the rate of 1/2 to 3/4 gallons per acre. Mix this product at the rate of 1/2 gallon in 50 gallons of water. Apply as a directed spray in interspaces and around base of trees. Spray unwanted vegetation to just short of runoff. 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.

AGRICULTURAL PLANTINGS

This product is useful as a directed application in non-bearing vineyards and in non-bearing deciduous fruit and nut orchards, such as almond, apple, apricot, cherry, peach, pear, plum, prune and walnut orchards. It should be applied at the rate of 1/2 to 3/4 gallons per acre. Mix this product at the rate of 1/2 gallon in 50 gallons of water. Apply as a directed spray in interspaces and around base of trees or vines. Spray unwanted vegetation to just short of runoff. If regrowth occurs, reapply as required; however, do not exceed 3 applications per year. Do not allow spray solution to contact leaves, stems or bark. Use a shield, if necessary, for nursery plantings or young trees. Do not apply around trees or vines from which fruit will be harvested within one year of treatment.

NON-CROP

This product is useful for controlling Cocklebur, Dallisgrass, Johnsongrass, Nutsedge, Puncturevine, Ragweed and Sandbur and certain other weeds on drainage ditch banks, rights-of-way, storage yards, and similar non-crop areas. Mix this product at a rate of 6 to 12 pints in 100 gallons of water. Spray the unwanted vegetation 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.

LAWN AND ORNAMENTAL TURF

This product is useful for control of Bahiagrass, Chickweed, Crabgrass, Dallisgrass, Nutsedge, Sandbur and Wood sorrel with little or no injury to tolerant lawn grasses. On new lawns, do not treat until after three mowings. Tolerant grasses may be temporarily discolored. Bermuda, Bluegrass and Zoysia are quite tolerant. Do not use on Centipede or St. Augustine.

To treat larger areas, such as athletic fields, golf courses and parks, mow lawns 1 to 1 1/2 inches high before treatment. Mix 1 1/2 fluid ounces (8 teaspoons) of this product in 2 1/2 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 and 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 soap and water 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 runoff 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 by incineration, or, if allowed by State and Local authorities, by burning. If burned, stay out of smoke.

WARRANTY—CONDITION 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.