

19713-278

4-25-2002

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

APR 25 2002

Mr. Luz G. Piwonka
Drexel Chemical Company
P.O. Box 13327
Memphis, TN 38113-0327

Dear Mr. Piwonka:

Subject: Label Amendment
DREXEL MSMA 6 Plus
EPA Reg. No. 19713-278
Your submission dated December 17, 2001

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended is acceptable provided that you:

1. Under the heading Precautionary Statements and Agricultural Use Requirements, replace "waterproof gloves" with the following:

Chemical resistant gloves Category A, such as butyl rubber \geq 14 mils, or natural rubber \geq 14 mils, or neoprene rubber \geq 14 mils or nitrile rubber \geq 14 mils.

2. Under the heading Precautionary Statements, "For exposures outdoors... or HE prefilter." revise to read as follows:

For exposures 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.

Submit one (1) copy of your final printed labeling before you release the product for shipment. The enclosed stamped label supersedes all previous labels.

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

Sincerely,

A handwritten signature in black ink, appearing to read "James A. Tompkins".

James A. Tompkins
Product Manager (25)
Herbicide Branch
Registration Division (7505C)

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**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

APR 25 2002

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.**

19713-278



Drexel

MSMA Liquid 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%

This product contains 6 pounds of MSMA per gallon.
Total Arsenic (as elemental), all in water-soluble form, is 22.0%.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See FIRST AID Below
SHAKE WELL BEFORE USING

EPA Reg. No. 19713-278

EPA Est. No. 19713-MS-1

Net Contents: _____

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

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 foodstuffs.

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.

(Continued)

PRECAUTIONARY STATEMENTS (Cont.)

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. 3) 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.

Note: Add this statement to all container sizes of 5 gallons and higher. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

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 (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, waterproof gloves, and chemical-resistant footwear plus socks.



Manufactured By:

Drexel Chemical Company

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

SINCE 1972

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are not within the scope of the WPS for agricultural pesticides (40 CFR Part 170). The WPS 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.

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 0.33 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 0.33 to 0.66 gallon per acre. Mix this product at the rate of 0.33 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 0.33 to 0.66 gallon per acre. Mix this product at the rate of 0.33 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, Sandbur and certain other Weeds on drainage ditch banks, right-of-ways, 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 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 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 1.5 inches high before treatment. Mix 1.33 fluid ounces (8 teaspoons) of this product in 2.5 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 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. 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 fertilizers 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 sawdust.
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 container, 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.