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42519-16

10/9/97

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

42519-16

Date of Issuance:

OCT 9 1997

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

DSMA Liquid Plus
Herbicide

Name and Address of Registrant (include ZIP Code):

Luxembourg-Pamol, Inc.
5100 Poplar Avenue, Suite 2746
Memphis, TN 38137

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes listed below before you release the product for shipment:

a. Add the phrase, "EPA Reg. No. 42519-16".

b. In the Environmental Hazards section you may delete "Do not contaminate waters used by animals, wildlife or aquatic life, or water used for domestic or irritation purposes". This statement is not required.

Signature of Approving Official:

Date:

10-9-97

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3. Submit one (1) copy of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

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

Enclosure

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DSMA LIQUID PLUS HERBICIDE

Effective 9/24/96

For Postemergence Weed Control. Contains Surfactant.

ACTIVE INGREDIENT:

Disodium Methanearsonate* 22.30%

INERT INGREDIENTS: 77.70%

TOTAL: 100.00%

Total Arsenic (as elemental) all in water soluble form 8.9%.

* Product contains 3.68 Pounds Disodium Methanearsonate Hexahydrate Equivalent per Gallon.

KEEP OUT OF REACH OF CHILDREN.
CAUTION
See Back Panel For Additional
Precautionary Statements

AGRICULTURAL CHEMICAL
DO NOT SHIP OR STORE
WITH FOODS, FEEDS,
DRUGS, OR CLOTHING

FOR CHEMICAL SPILL, LEAK,
FIRE, OR EXPOSURE, CALL
TOLL FREE: 1-800-424-9300

EPA Reg. No.: 42519-X
EPA Est. No.: 42519-ISR-1

NET CONTENTS:

Manufactured for:
LUXEMBOURG-PAMOL, INC.
5100 Poplar Avenue, Suite 2746
Memphis, TN 38137, USA

Company
Logo

REC'D ... F/DPD1
96 DEC -4 P 3:13

ACCEPTED
with comments
OCT 9 1997
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 42519-16

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Do not apply this product through any 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.

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 in 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 to 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
 - * waterproof gloves
 - * shoes and socks
 - * protective eyewear
-

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 WPS applies when this product is used to produce agricultural plants on farms, forest, nurseries, or greenhouses.

Keep children and domestic animals off treated areas until this material has been washed into the soil.

The area being treated must be vacated by unprotected persons.

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.

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 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. If irritation develops, seek medical attention.

IF INHALED: Remove victim to fresh air.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

- * Long sleeved shirt and long pants
- * Waterproof gloves
- * Shoes and socks
- * Protective eyewear
- * Chemical resistant apron when cleaning equipment, mixing or loading
- * For exposure in enclosed areas as a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval prefix TC-23-C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G).
- * For exposure outdoors a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C).

Follow manufacturers instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE seperately from other laundry.

USER SAFETY RECOMMENDATIONS

Users 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.
 - * 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.
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ENVIRONMENTAL HAZARDS:

Do not apply directly to water, 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, or by animals, wildlife, and aquatic life. Do not contaminate water by disposal of equipment washwaters. Do not apply when weather conditions favor drift from areas treated.

GENERAL INFORMATION

DSMA Liquid Plus Herbicide is useful for selective postemergence weed control, particularly for grassy weeds. It is most effective on young, actively growing weeds at air temperatures above 70°F. Its phytotoxic properties are quickly inactivated on contact with the soil.

MIXING INSTRUCTIONS

DSMA Liquid Plus Herbicide is completely water soluble. Fill the spray equipment tank 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 DSMA Liquid Plus Herbicide is only moderately corrosive, do not use in galvanized or aluminum equipment.

COTTON

DSMA Liquid Plus Herbicide is useful as a topical or directed spray application in cotton for postemergence control of weeds and grasses including johnsongrass, nutsedge, barnyardgrass, crabgrass, goosegrass, * foxtail, morningglory, pigweed, watergrass, dallisgrass, cocklebur, ragweed, sandbur and puncture vine.

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

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

TOPICAL APPLICATION

Topical by ground equipment - Mix 3 to 4 pints of DSMA Liquid Plus Herbicide in 40 gallons of water.

Apply only when cotton has 1-2 true leaves to first square.

AERIAL APPLICATION

Apply at the rate of 3 to 4 pints of DSMA Liquid Plus Herbicide per acre. Mix 3 to 4 pints of DSMA Liquid Plus Herbicide in 5 to 10 gallons of water and apply to one acre. Do not apply by air on windy days or in such a manner as will 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 topically only when cotton has 1-2 true leaves to first square formation.

DIRECTED APPLICATION

Mix at the rate of 1 gallon of DSMA Liquid Plus Herbicide in 40 gallons of water. Apply as a directed spray at a rate of 40 gallons per treated acre. For band applications in 40 inch rows, apply one gallon of spray solution per inch of band width. Slight burning and a reddish discoloration of the cotton leaf may occasionally occur following the recommended treatment, but the cotton plant will develop normally. DSMA Liquid Plus Herbicide should be applied with a low volume sprayer, with satisfactory pumping and by-pass action.

CITRUS

BEARING AND NONBEARING (Except Florida)

DSMA Liquid Plus Herbicide is useful as a directed application in citrus orchards, such as orange, grapefruit, tangerine, lemon, and lime, orange orchards. It should be applied at the rate of 3 1/2

to 7 quarts per acre. Mix DSMA Liquid Plus Herbicide at the rate of 3 1/2 quarts per acre in 50 gallons 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

DSMA Liquid Plus Herbicide is useful for controlling johnsongrass, nutsedge, crabgrass, cocklebur, dallisgrass, goosegrass, morningglory, pigweed, ragweed, watergrass and similar weeds on drainage ditchbanks, rights-of-way, storage yards, and similar non-crop areas. Mix DSMA Liquid Plus Herbicide at the rate of 1 gallon in 40 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.

LAWN AND ORNAMENTAL TURF

DSMA Liquid Plus Herbicide is designed for the selective kill of dallisgrass, sandbur, bahiagrass, nutsedge, barnyardgrass, crabgrass, chickweed 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 affected, especially in hot weather. Rain or watering will revive them. Bent and fescue grasses are generally more sensitive, and may be temporarily discolored. Zoysia, bluegrasses, and bermuda are tolerant. Do not use on St. Augustine or centipede. Mow lawns 1 to 1.5 inches high before treatment. Mix 3 fluid ounces (6 Tablespoons) of DSMA Liquid Plus Herbicide in 2 1/2 gallons of water and apply to an area of 1000 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.

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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 and 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 spills.
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) adding rinsate to spray tank. 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 of this product. The foregoing is a condition of sale by the Seller and is accepted as such by the Buyer.

NET CONTENTS:

Manufactured by Luxembourg Industries (Pamol), Ltd.
Made In Israel