



PM 22 42519-7
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

10/9
OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

JAN 31 1995

E. M. Bellet, Ph.D.
Consultant/Luxembourg-Pamol, Inc.
5100 Poplar Avenue, Suite 2746
Memphis, TN 38137

Gentlemen:

Subject: Revised Labeling
Luxembourg-Pamol - DSMA 81-P ✓
EPA Registration No. 42519-7
Luxembourg-Pamol Cacodylate 2.48
EPA Registration No. 42519-11
Your Submission Dated October 1, 1994

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. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

Update the Environmental Hazards "Do not contaminate water.." statement to read "Do not contaminate water by disposal of equipment washwaters."

2. For EPA Reg. No. 42519-7, Under the heading **LAWNS AND ORNAMENTALS TURF** correct sentence to read "mix 1 5 ounces of DSMA....apply to an area of 1000 sq. ft."

3. Submit one (1) copy of your final printed labeling before you release the products for shipment.

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

Sincerely yours,

Cynthia Giles-Parker
Product Manager (22)
Fungicide-Herbicide Branch
Registration Division (7505C)

BEST AVAILABLE COPY

DSMA 81P POWDER

Effective 9/8/94

LUXEMBOURG-PAMOL

DSMA 81 P

DSMA POWDER

For Selective Post-Emergent Weed Control

ACTIVE INGREDIENT:

Disodium Methanearsonate*

81%

INERT INGREDIENTS:

19%

TOTAL:

100%

Total Arsenic (as elemental) all in water soluble form 33%

* Product contains the equivalent to 128.5% Disodium Methanearsonate Hexahydrate.

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.: 42519-7
EPA Est. No.: 42519-IS-1

NET CONTENTS:

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

ACCEPTED
with COMMENTS
in EPA Letter Dated:

Company
Logo

AN 81 P

Accepted under...
42519-7

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 cleaning of equipment or disposal of wastes. Do not apply when weather conditions favor drift from areas treated.

GENERAL INFORMATION

DSMA 81P Herbicide 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 growing crops) 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 the soil.

MIXING INSTRUCTIONS

DSMA 81P 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 81P Herbicide is only moderately corrosive, do not use in galvanized or aluminum equipment.

COTTON

DSMA 81P Herbicide is useful as a topical or directed spray application in cotton for post-emergent control of weeds and grasses including johnsongrass, nutsedge, dallisgrass, cocklebur, ragweed, sandbur and puncture vine. DSMA 81P Herbicide should be applied to weeds in cotton at the rate of 2.8 pounds per acre.

If DSMA 81P 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.

6079

If DSMA 81P Herbicide is not applied topically, then one directed application of DSMA 81P Herbicide may be made followed one to three weeks after the first, with a second directed application of either DSMA 81P Herbicide or DSMA Liquid.

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

MIXING INSTRUCTIONS

Topical by ground equipment - Mix 7 pounds of DSMA 81P Herbicide in 100 gallons of water and add one to two quarts of a mild agricultural surfactant for use on growing crops. Apply 40 gallons of spray for each inch of band width per acre.

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

AERIAL APPLICATION

Apply at the rate of 2.8 pounds of DSMA 81P Herbicide per acre. Mix 2.8 pounds of DSMA 81P Herbicide and one quart of a mild agricultural surfactant for use on growing crops in 50 gallons of water and apply at 5 gallons per 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 7 pounds in 100 gallons of water and add one to two quarts of a mild surfactant. Apply at a broadcast 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 per acre of cotton.

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 81P Herbicide should be applied with a low volume sprayer, with satisfactory pumping and by-pass action.

CITRUS

BEARING AND NON-BEARING (Except Florida)

DSMA 81P Herbicide 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 pounds per acre. Mix DSMA 81P Herbicide at the rate of 3 to 6 pounds per acre, plus 1 to 2 quarts of a suitable surfactant, in 100 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 81P Herbicide is useful for controlling johnsongrass, nutsedge, and similar weeds on drainage ditchbanks, rights-of-way, storage yards, and similar non-crop areas. Mix DSMA 81P Herbicide at the rate of 3 to 6 pounds, 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.

LAWN AND ORNAMENTAL TURF

DSMA 81P Herbicide is designed for the selective kill of dallisgrass, sandbur, bahiagrass, nutsedge, 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 1.5 ounces of DSMA 81P Herbicide in 5 gallons of water, containing 2 to 3 fluid ounces of a suitable surfactant, and apply to an area of 100 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.

100 sq. ft. - correct

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). 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.

199

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