



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

EPA Reg.  
Number:  
42519-12

Date of Issuance:  
MAR 11 1995

NOTICE OF PESTICIDE:  
 Registration  
 Reregistration

(under FIFRA, as amended)

Term of Issuance:  
Conditional

Name of Pesticide Product:  
Luxembourg-Pamol  
Target MSMA SG

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. Submit by May 11, 1996 a Primary Eye Irritation Study conducted on accordance with the Good Laboratory Practice Standards, 40 CFR Part 160 and test guideline 81-4 as referenced in EPA's Data Requirements for Registration Regulations, 40 CFR Part 153.

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

- a. Add the phrase, "EPA Reg. No. 42519-12".
- b. In the Statement of Practical Treatment section add:

IF INHALED: Remove victim to fresh air.

Signature of Approving Official:

Date:

MAR 11 1995

c. If the Precautionary Statements do not appear on the front panel add the referral statement:

See side panel for additional precautionary statements.

d. In the cotton directions add:

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

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 M. Stone  
Acting Product Manager (22)  
Fungicide-Herbicide Branch  
Registration Division (7505C)

Enclosure

EFFECTIVE 1/12/95

LUXEMBOURG-PAMOL  
Target MSMA SG  
SOLUBLE GRANULES  
For Selective Postemergent Weed Control

<b>ACTIVE INGREDIENT:</b>	
Monosodium Acid Methanearsonate	55.00%
<b>INERT INGREDIENTS:</b>	
	<u>45.00%</u>
<b>TOTAL:</b>	<b>100.00%</b>
<b>Total Arsenic (as elemental) all in water soluble form 25.47%</b>	

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 IN EYES:** Immediately flush eyes with plenty of water and get medical attention if irritation develops.

**IF ON SKIN:** Immediately wash skin with soap and plenty of water. If irritation develops, seek medical attention.

*if Inhaled: Same as above to fresh air  
See Safety Panel*

EPA Reg. No.: 42519-Y  
EPA Est. No.: 42519-IS-1

	<b>Manufactured for:</b>
Company	LUXEMBOURG-PAMOL, INC.
Logo	5100 Poplar Avenue, Suite 2746 Memphis, Tennessee 38137, U.S.A.

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

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

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:

*42519-12*

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## 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 type of irrigation system.

Do not apply this product in a way that will contact workers or other persons, either directly or through spray drift. Only protected handlers may be in the area during application.

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### 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 into treated areas during 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
  - \* chemical resistant footwear plus socks
  - \* protective eyewear
  - \* chemical resistant headgear for overhead exposure
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**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, 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.

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**STORAGE AND DISPOSAL**

**STORAGE:** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not store this product near fertilizers, seeds, insecticides, or fungicides. Do not store near heat or open flame. Do not stack over 2 pellets high. Keep containers tightly sealed when not in use. Do not reuse empty containers. For safety and prevention of unauthorized use, all pesticides should be stored in locked facilities.

To prevent accidental misuse, different pesticides should be stored in separate areas with enough distance between, to provide clear identification.

Opened, partially used pesticides should be stored in original labeled containers when possible. When transfer to another container is necessary because of damage, carefully mark, and identify contents of the new container. Collect spills and dispose of, according to the instructions under "Pesticide Disposal".

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**BAG DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

## **PRECAUTIONARY STATEMENTS**

### **Hazards to Humans and Domestic Animals**

#### **CAUTION:**

Harmful if swallowed. Avoid breathing spray mist. Avoid contact with skin, eyes, and clothing. In cases of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation occurs.

### **Personal Protective Equipment**

#### **Applicators and other handlers must wear:**

- \* Long sleeved shirt and long pants
- \* Waterproof gloves
- \* Chemical resistant footwear plus socks
- \* Protective eyewear
- \* Chemical resistant apron when cleaning equipment, mixing or loading
- \* For exposure in enclosed areas 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 separately from other laundry.

### **User Safety Recommendations**

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#### **User should:**

- \* Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
  - \* Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
  - \* 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 by cleaning of equipment or disposal of wastes. Do not contaminate waters used by animals, wildlife or aquatic life, or water used for domestic or irrigation purposes.

**GENERAL INFORMATION**

TARGET MSMA SG Herbicide is useful for selective post-emergent 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 soil.

**MIXING INSTRUCTIONS:**

TARGET MSMA SG Herbicide must be thoroughly dissolved. Fill the spray equipment reservoir about half full with water and add the required amount of herbicide 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.

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

**COTTON:**

TARGET MSMA SG 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 3.40 lbs. of TARGET MSMA SG per acre.

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Add 8.50 lbs. of TARGET MSMA SG Herbicide 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 per inch of band with TARGET MSMA SG Herbicide 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 cotton leaf may occasionally occur following the recommended treatment; however cotton plants will develop normally.

APPLY ONLY WHEN COTTON IS 3 INCHES HIGH TO FIRST BLOOM. DO NOT APPLY AFTER FIRST BLOOM.

**NON-BEARING FRUIT AND NUTS:**

TARGET MSMA SG is effective as a directed post-emergence spray for control of the above listed weeds in non-bearing almond, walnut, grapefruit, lemon, lime, orange and tangerine orchards and plantings of non-bearing apples, cherries, peaches, pears, plums, and prunes. Mix at a rate of 8.50 lbs. of TARGET MSMA SG in 100 gallons of water and apply to an area of one acre. For spot treatment of weeds, mix 8.50 lbs. of TARGET MSMA SG in 50 gallons of water and apply to run-off. Application should be made when weeds are small, during warm weather and when conditions are favorable for good weed growth. If regrowth occurs, repeat

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

applications should be made but not more than three applications per year. DO NOT allow spray solution to contact foliage, stems or bark of trees or vines. DO NOT use around trees or vines from which crops will be harvested within one year. DO NOT graze treated areas. In Florida use only as a spot treatment

**NON-CROP:**

TARGET MSMA SG Herbicide is useful for controlling johnsongrass, nutsedge, barnyardgrass, and other weeds on drainage ditchbanks, fence rows, rights of way, storage yards, and similar non-crop areas.

Mix TARGET MSMA SG Herbicide at a rate of 4.25 to 8.50 lbs. 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:**

TARGET MSMA SG 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.

Mow lawns to 1 to 1½ inches high before treatment. Mix 1.5 oz of TARGET MSMA SG Herbicide 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.

**WARRANTY - CONDITION OF SALE**

OUR RECOMMENDATIONS FOR USE of this product are based on field use and tests believed reliable and should be followed carefully. It is impossible to eliminate all risks associated with the 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 un-intended 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 reasonable fit for the purposes referred to in the directions. 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 Seller and is accepted as such by the Buyer.



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NET CONTENTS:

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Manufactured by Luxembourg Industries (PAMOL), Ltd.  
Made in Israel