LUXEMBOURG-PAMOL

Target MSMA 6 Plus MSMA Plus Surfactant

For Postemergence Weed Control

**ACTIVE INGREDIENT:** 

Monosodium Acid Methanearsonate\*

**INERT INGREDIENTS:** 

TOTAL:

ACCEPTED
SEP 2 4 2001

Under the Federal Inacciacide, Pungloids, and Rodenticide Act, as amended, for the posticide registered under EPA Reg. No. AQ 510-2

48.30% 51.70%

Effective September 6, 2001

100.00%

Total Arsenic: (as elemental) Aall in water soluble form, expressed (as elemental) 22.30%

\*Product contains 6.0 lbs MSMA per gallon

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

IF INHALED: Remove victim to fresh air.

| FIRST AID               |  |  |  |  |  |  |  |
|-------------------------|--|--|--|--|--|--|--|
| If swallowed:           | <ul> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce yomiting unless told to do so by a poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul> |  |  |  |  |  |  |
| If in eyes:             | <ul> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>  |  |  |  |  |  |  |
| If on skin or clothing: | <ul> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>  |  |  |  |  |  |  |
| If inhaled:             | <ul> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> </ul>  |  |  |  |  |  |  |

Call a poison control center or doctor for further treatment advice.

HOTLINE

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical information.

#### SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg. No.: 42519-3 EPA Est. No.: 42519-ISR-1

Manufactured for:

Company LUXEMBOURG-PAMOL, INC.

Logo

5100 Poplar Avenue, Suite 2700

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** 

### 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.

# **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 inon 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 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
- chemical resistant gloves Category A, such as butyl rubber > 14 mils, or natural rubber > 14 mils, or neoprene rubber > 14 mils or nitrile rubber > 14 mils waterproof gloves
- shoes and socks
- protective evewear
- chemical resistant headgear for overhead exposure

#### NON-AGRICULTURAL USE REOUIREMENTS

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, forests, 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.

#### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

PESTICIDE STORAGE: Do not contaminate water, food, or feed by storage orand disposal. Open dumping is prohibited. Do not store this product near fertilizers, seeds, insecticides, or fungicides. Do not store near heat or open flame. Freezing point of this product is approximately -5°F. If stored below freezing point, warm to 50°F and agitate thoroughly before using. Containers should not be stacked more than six (6) high. Reclose all partially used containers by thoroughly tightening screw cap. Opened, partially used pesticides should be stored in original labeled containers when possible. When transfer to another container is necessary because of leakage or damage, carefully mark, and identify contents of the new container. Absorb any spills with a suitable clay absorbent and dispose of as indicated under "Pesticide Disposal". 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.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of fEederal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**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.

# PRECAUTIONARY STATEMENTS CAUTION:

#### Hazards to Humans and Domestic Animals

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
- Chemical resistant gloves Category A, such as butyl rubber > 14 mils or natural rubber > 14 mils or neoprene rubber > 14 mils or nitrile rubber > 14 mils Waterproof gloves
- Shoes and 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 number prefix TC-23-C), 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 N, R, P or HE
  prefilter.

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

Follow the 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**

#### 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.

#### **ENVIRONMENTAL HAZARDS**

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 when cleaning equipment or disposing of by disposal of equipment washwaters. Do not apply when weather conditions favor drift from target area.

#### GENERAL INFORMATION

Target MSMA 6 Plus is a post emergence herbicide for use in cotton, ornamental turf, non-bearing fruit, nuts and non-crop areas. Target MSMA 6 Plus contains a surfactant (wetting agent) in proper ratio for best results. It is not necessary to add additional surfactant to the spray tank. Local conditions and recommendations vary; consult\_an agricultural experiment station or extension service weed specialists for recommendations in your area.

A partial list of weeds controlled with Target MSVIA 6 Plus includes: Barnyardgrass, Brachiaria spp., Chickweed, Cocklebur, Crabgrass, Dallisgrass, Goosegrass, Johnsongrass, Nutsedge, Pigweed, Puncture vine, Sandbur.

#### MIXING INSTRUCTIONS:

Fill the spray tank with half the required amount of water and with pump or agitator operating, add the recommended amount of Target MSMA 6 Plus, continue filling the tank with the balance of water and mix thoroughly.

Do not store spray solution in tank overnight. Clean application equipment thoroughly after use by flushing with water in a safe place.

#### **APPLICATION METHODS:**

Target MSMA-6 Plus should be applied with a low-pressure, properly calibrated sprayer having satisfactory pumping and bypass action. ADJUST NOZZLES TO KEEP SPRAY OFF COTTON FOLIAGE AND IN A MANNER TO ALLOW MAXIMUM COVERAGE OF WEEDS. Adequate coverage is very important for effective weed control. Apply during warm weather and

when weeds are in an active stage of growth.

#### **COTTON:**

Target MSMA 6 Plus is useful as a directed postemergence spray for control of the weeds listed above. Mix Target MSMA 6 Plus at the rate of 2 2/3 pints in 40 gallons of water for application as a DIRECTED broadcast spray to one acre when weeds are small. For band application, in 40 meh rows, apply 1 gallon of above diluted spray solution per inch of band width per acre of cotton, per acre for each 1 inch of band width to be treated of cotton grown in 40 inch rows spacing. A second or repeat application, if needed, should be timed about 1 to 3 weeks after the first application. Keep spray off cotton foliage.

APPLY ONLY WHEN COTTON IS 3 INCHES HIGH TO FIRST BLOOM. DO NOT APPLY AFTER FIRST BLOOM. DO NOT FEED TREATED FOILAGE TO LIVESTOCK OR GRAZE TREATED AREAS. Slight burning and a reddish discoloration of cotton foliage may occasionally be seen following the recommended treatment; however cotton plants will develop normally and yield will not be affected.

#### **EMERGENCY PREPLANT APPLICATION:**

When planting of cotton to prepared seedbeds has been delayed and weeds have emerged, one application of Target MSMA 6 Plus at the above rate can be made prior to seeding.

NOTE: Applications to cotton in Florida should be confined to band treatments.

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

#### **ORNAMENTAL TURF GRASS:**

Target MSMA-6 Plus can be used for selective control of bahiagrass, barnyardgrass, chickweed, smooth and large crabgrass, dallisgrass, nutsedge, sandbur and wood sorrel with little or no injury to well-established, actively-growing turf grasses. Mow turf grass to height of 1 to 1½ inches before treatment. Mix 1 fluid ounce (2 tablespoons) of Target MSMA-6 Plus in 51 to 2.5 gallons of water for application to an area of 1,000 square feet. Established bermudagrass and zoysiagrass. mix 1 to 2 fluid ounces (2 to 4 tablespoons) of Target 6 Plus in 1 to 2.5 gallons of water for application to an area of 1,000 square feet. Application should be uniform and thorough to adequately wet all undesirable plants.

Two or more repeat treatments at 14 day intervals may be necessary. Make applications during warm weather when temperature is between 80 and 90°F. DO NOT water turf for at least 24 hours after application. Turf grasses may be temporarily discolored. Bermudagrass, bluegrasses and zoysiagrass have shown tolerance to properly applied Target MSMA 6 Plus. Injury may result if applied to bent grasses and fescues. DO NOT apply to St. Augustinegrass, carpetgrass, centipede grass or to Dichondra.

DO NOT reseed until 2 weeks after last application.

# NON-BEARING FRUITS AND NUTS:

Target NSMA 6 Plus 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 2 2/3 pints Target NSMA 6 Plus in 100 gallons of water and apply to point of 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 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. In Florida use only as a spot treatment.

## **NON-CROP:**

Target MSMA 6 Plus is effective in controlling the above listed weeds and many similar weeds on drainage ditchbanks, fence rows, rights of way, storage yards, and similar non-crop areas. Application should be made when weeds are small and conditions are favorable for good weed growth. Mix at a rate of 2½ to 2 2/3 pints of Target MSMA 6 Plus in 40 gallons of water. Spray undesirable vegetation thoroughly to point of run-off. Adequate coverage and complete wetting of foliage is important for effective control. Repeat application may be necessary if regrowth occurs. Do not apply with hose-end applicators.

#### WARRANTY - CONDITION OF SALE

OUR RECOMMENDATIONS FOR USE of this product are based upon field use and 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 Luxembourg-Pamol, Inc. or the Seller be liable for consequential, special, or indirect damages resulting from the use 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 Luxembourg-Pamol, Inc. and is accepted as such by the Buyer.

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