

# PRAMITOL 25E®

## HERBICIDE

Controls johnsongrass, bindweed and other hard-to-kill weeds.

For total vegetation control on industrial sites, non crop areas around-the-farm, and for use in and under asphalt.

### ACTIVE INGREDIENT:

Prometon: 2,4-bis(isopropylamino-6-methoxy-s-triazine.....	25.0%
Inert Ingredients.....	75.0%
TOTAL:.....	100.0%

Pramitol 25E contains 2 lbs. Prometon per gallon.

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

EPA Reg. No. 66222-22

EPA Est. No. 34704-MS-1

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

**DANGER:** Corrosive – causes irreversible eye damage. Wear goggles or face shield and rubber gloves when handling. Causes skin irritation. Harmful if swallowed, inhaled, or absorbed through the skin. Avoid breathing spray mists. Do not get in eyes, on skin, or on clothing. Remove contaminated clothing and wash before reuse.

### Statement of Practical Treatment

#### IF SWALLOWED:

DO NOT INDUCE VOMITING. Drink promptly a large quantity of milk, egg white, gelatin solution, or, if these are not available, a large quantity of water. Do not give anything by mouth to an unconscious person.

#### IF INHALED:

Remove victim to fresh air. Apply artificial respiration if indicated.

#### IF ON SKIN:

Wash thoroughly with soap and water. Get medical attention if irritation persists.

#### IF IN EYES:

Immediately flush eyes with a steady, gentle stream of water for 15 minutes and get medical attention.

#### NOTE TO PHYSICIAN:

Probable mucosal damage may contraindicate the use of gastric lavage. Treat for circulatory shock, respiratory depression, and convulsions, if needed.

### Environmental Hazards

Do not contaminate water used for irrigation or domestic purposes.

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 when disposing of equipment wash waters. Apply this product only as specified on this label.

### **Physical or Chemical Hazards**

Do not use, pour, spill, or store near heat or open flame. Store at temperatures above 32°F.

## **STORAGE AND DISPOSAL**

**Pesticide:** Store at temperatures above 32°F. Do not contaminate water, food, or feed by storage or disposal. Pesticide wastes may be acutely hazardous. Improper disposal of unused pesticide, spray mixture, or rinse water is a violation of federal law. If these wastes cannot be used 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 in proper disposal methods.

**Container:** Triple rinse container (or equivalent) and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or by open burning, if allowed by state and local authorities. If burned, keep out of smoke. For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-535-5053(Infotrac), day or night.

## **CONDITIONS OF SALE AND WARRANTY**

The **Directions for Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Makhteshim-Agan or the Seller. All such risks shall be assumed by the buyer.

Makhteshim-Agan 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** subject to the inherent risks referred to above. **Makhteshim-Agan makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall Makhteshim-Agan or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product.** Makhteshim-Agan and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing **Conditions of Sale and Warranty**, which may be varied only by agreement in writing signed by a duly authorized representative of Makhteshim-Agan.

## **DIRECTIONS FOR USE**

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

## **GENERAL INFORMATION**

Pramitol 25E is a nonselective herbicide that can be applied in water or oil before or after plant growth begins. Although Pramitol 25E has considerable activity through foliar contact, much of its activity is through roots; therefore, its effectiveness is dependent on rainfall to move it into the root zone. Very dry soil conditions and lack of sufficient rainfall may result in poor weed control.

**Important:** Use only in areas where complete control of all vegetation is desired, such as industrial sites, right-of-way, lumberyards, petroleum tank farms, around farm buildings, along fence lines, etc. When applied to the soil, this product usually inhibits plant growth for a year or more.

Following many years of continuous use of this product and chemically related products, biotypes of some of the weeds listed on this label have been reported which cannot be effectively controlled by this and related herbicides. Where this is known or suspected, we recommend the use of this product in combination with other registered herbicides which are not triazines. Consult with your State Agricultural Extension Service for specific recommendations.

Pramitol 25E is generally noncorrosive to equipment, but may cause swelling or more rapid deterioration of hoses and fittings containing natural rubber.

### **Industrial Sites and Noncrop Areas**

Pramitol 25E can be applied before or up to 3 months after weed emergence. Application rates vary from 5 - 10 gals. of Pramitol 25E per acre, depending on climatic conditions, soil type, the weeds present, and the stage of growth of the weeds. In the following rate recommendations, the higher rates are intended for use on heavier soils where weed growth is heavy, and where rainfall is expected to be relatively high. The higher rates should also be used where longer residual control is desired in regions with a long growing season.

For best results, apply Pramitol 25E before weeds emerge or when weeds are young and actively growing.

For control of annual and susceptible perennial weeds and grasses (such as downy brome grass, oatgrass, goosegrass, quackgrass, puncturevine, goldenrod, and plantain): Broadcast 4.0 - 6.125 gals. of Pramitol 25E in 50 - 100 gals. of water per acre.

For control of hard-to-kill perennial weeds and grasses (such as johnsongrass, bindweed, and wild carrot): Broadcast 7.5 - 10 gals. of Pramitol 25E in 50 - 100 gals. of water per acre.

For faster top-kill of existing vegetation, apply Pramitol 25E in diesel oil, fuel oil, or weed oil. Use oils at rates of 100 - 200 gals./A. Tall, dense vegetation, such as johnsongrass, will generally require 150 or more gals. of oil per acre for thorough coverage.

When applying Pramitol 25E to a small area with backpack or pump-up sprayers with capacities of 1 - 3 gals., calibrate the sprayer so that 1 gal. of water covers 500 sq. ft. Then mix 1/2 - 7/8 pt. of Pramitol 25E with water to obtain a total volume of 1 gal. and apply uniformly over a 500 sq. ft. area. For hard-to-kill perennial weeds and grasses, use the higher rate. If green foliage is present, part or all of the water can be substituted with oil to provide burndown.

### **Asphalt Pavement**

Pramitol 25E may be used to extend the useful life of asphalt pavement by preventing weeds from emerging through it. Pramitol 25E may be applied to the ground before laying asphalt, or it may be mixed with cutback asphalts.

Pramitol 25E should be used only where the area to be treated has been prepared according to good construction practices. If rhizomes, tubers, or other vegetative parts are present in the site, they should be removed by scalping with a grader blade.

Recompaction of the site, following disking or plowing, will allow good penetration of Pramitol 25E, and will help to ensure proper asphalt curing and good weed control.

Pramitol 25E will not control woody vegetation, such as small trees, brush, or woody vines. Roots of such species should be grubbed and removed from the site before application.

**Under Asphalt:** Pramitol 25E may be applied to the ground before laying rapid, medium, or slow curing asphalt coatings, such as those used on parking lots, highway shoulders and median strips, roadways, and other industrial sites. Pramitol 25E should be applied just before laying of the asphalt coating to prevent possible lateral movement of the herbicide by rainfall or other mechanical means. Sprayers should be equipped to provide continuous agitation of the spray mixture during application to ensure application of a uniform spray emulsion.

Apply Pramitol 25E uniformly at the rate of 7.5 - 10 gals./A (22.0 - 29.4 fl. oz./1,000 sq. ft.) in a minimum of 100 gals. of water. Use the lower rate to control annual and susceptible perennial weeds, such as downy brome grass, oatgrass, goosegrass, quackgrass, puncturevine, goldenrod, and plantain. Use the higher rate to control hard-to-kill perennial weeds and grasses, such as johnsongrass, bindweed, and wild carrot.

*Precaution: Do not use Pramitol 25E under asphalt coatings less than 2 inches thick.*

**Mixed with Cutback Asphalt:** Pramitol 25E may be mixed with standard and special cutback asphalts (such as RC, MC, and SC) for weed control in areas being stabilized, such as highway shoulders, highway median strips, under highway fences and guard rails, along airport runways and lights, soil and small stone aggregates on shoulders, and cracked asphalt surfaces being resurfaced.

Pramitol 25E should be simultaneously mixed with the cutback asphalt as it is being pumped into the applicator or transport truck to assure a homogeneous mix. Temperatures in the applicator or transport truck should not exceed 170°F.

Pramitol 25E should be used at the rate of 22.0 - 29.4 fl. oz./1,000 sq. ft. (equivalent to 7.5 - 10 gals./A of Pramitol 25E). Use the lower rate on ordinary weed and grass complexes, such as dallisgrass, King Ranch bluestem, knotroot bristlegrass, and the higher rate where johnsongrass, bermudagrass, or other deep-rooted perennials are present.

In arid areas, where deep-rooted perennials are a problem, best results can be obtained by making the application from midsummer through late fall or prior to the rainy season.

*Precautions: (1) Do not apply cutback asphalt mixtures containing Pramitol 25E to soil saturated with water. The condition of the soil should be favorable for penetration or proper asphalt curing may be affected. (2) Do not apply Pramitol 25E with asphalt emulsions, such as SS.*

*Precautions (All uses): (1) Feeder roots of desirable plants often extend far beyond the drip line of the branches. Do not apply this product, or drain or flush application equipment in locations where the chemical may come into contact with root zones of desirable trees, shrubs, or plants, or injury may occur. (2) Do not use on land to be cropped (3) Do not use for weed control in greenhouses.*