

# ALANAP<sup>®</sup>-L

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

APR 24 1997

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

400-49

## CONTROLS BROADLEAF WEEDS

Net contents:

### COMPOSITION

Active Ingredient: (% by weight)

Sodium salt of naptalam (sodium 2-[(1-naphthalenylamino) carbonyl] benzoate) ..... 97 23.2%\*

Inert Ingredients: ..... 76.3%

Total: ..... 100.0%

\*Contains two pounds of active ingredient per U.S. gallon.

\*Contains 240 grams of active ingredient per liter.

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## KEEP OUT OF REACH OF CHILDREN

## WARNING • AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

### FIRST AID

**IF IN EYES:** Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

**IF SWALLOWED:** Call a doctor or get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### WARNING

Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wash thoroughly with soap and water after handling. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

#### PERSONAL PROTECTIVE EQUIPMENT

**Applicators and Other Handlers Must Wear:** long-sleeved shirt and long pants; shoes plus socks; protective eyewear.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

#### 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.

**UNIROYAL  
CHEMICAL**

#### 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 disposal of equipment washwaters.

Uniroyal Chemical Company, Inc., Middlebury, CT 06749

EPA Reg. No. 400-49

EPA Est. No.

004WPS

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all label directions carefully before use.

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 drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### 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 on 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 intervals. 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 48 hours.

Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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 plus socks; protective eyewear

### GENERAL INFORMATION

ALANAP-L is a soil-acting herbicide which controls broadleaf weeds at germination and early growth. It is absorbed by seeds and primary roots and interferes with normal growth. ALANAP-L exhibits minimal foliar activity and minimal activity on grass weeds. Foliar application, however, may result in stunting or malformation of some broadleaf weeds. Water is needed to bring the product into contact with weed seeds or roots in the soil, but too much water may affect the crop adversely. The soil watering regime after application, therefore, is very critical. For maximum efficacy, conditions of soil moisture, temperature and weed and crop stage must be optimal.

### WEEDS CONTROLLED

ALANAP-L controls the following broadleaf weeds: common chickweed, common lambsquarters, common ragweed, common purslane, common cocklebur, velvetleaf, field and hedge bindweed, cutleaf ground cherry, white mustard, shepherdspurse, redroot pigweed, hairy galinsoga, carpetweed, smartweed.

Tank-mix combinations of ALANAP-L with Prefar 6E or Command 4EC on cucurbits broaden the weed spectrum, especially for control of grasses: smooth and large crabgrass, foxtails, barnyardgrass, goosegrass, fall panicum.

### MIXING INSTRUCTIONS

ALANAP-L is a 23.7% (2 lb/gal) solution of the active ingredient, naptalam - sodium salt, in water, and is diluted with water for spray applications without additional spray adjuvants.

Always apply mild agitation, such as rolling, shaking or stirring, to this product before use.

Do not tank mix this product with liquid fertilizer solutions, since solid precipitates may form.

### DIRECTIONS FOR USE: CUCURBITS

ALANAP-L is registered for use on the following cucurbit crops and their hybrids or varieties:

<i>Cucumis sativus</i>	Cucumber
<i>Cucumis melo</i>	Muskmelon, cantaloupe, honeydew melon
<i>Citrullus vulgaris</i>	Watermelon

### TIMING OF APPLICATION

Apply ALANAP-L preemergence immediately after planting. A second, postemergence application may be made before plants start to vine, but before weeds have emerged. Emerged weeds are usually not controlled. In transplanted crops, ALANAP-L may be used immediately after transplanting.

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Preemergence: Soil should be weed-free at application time. Emerged weeds are not effectively controlled. Soil should be relatively smooth. Apply within 48 hours after planting. Light soil incorporation (0.5 to 1 inch) may be performed under dry conditions.

Postemergence: Apply before plants are ready to vine. Uniform coverage of soil is necessary. Some crop stunting may occur but plants will catch up when growing conditions are normal. Emerged weeds are usually not controlled but may be stunted.

### RATE OF APPLICATION

On medium to heavy loamy soils, apply 1.5 to 2.0 gallons of ALANAP-L in 20 to 40 gallons of water per acre. On light, sandy soils, apply 1.0 to 1.5 gallons of ALANAP-L in 20 to 40 gallons of water per acre. Use the higher rates when greater weed pressure is expected.

### WATER MANAGEMENT

Soil watering regime after application is very critical. Water should bring the compound to the seeds or roots of the weeds. Irrigation, therefore, may be needed in dry conditions. Sprinkle irrigation, however, should not be used on sandy loam or lighter soils, especially when low in organic matter. Where in-furrow irrigation is to be used, first treat the seed bed with this product, incorporate it to 1 to 2½ inches, and then start the furrow irrigation.

### IMPORTANT NOTES:

Do not use this product under adverse growing conditions [i.e., in early spring, extended cold (less than 60°F) and/or wet weather]. Under such conditions ALANAP-L may cause severe crop stunting and stand reduction.

Do not apply postemergence at soil temperature greater than 100°F.

If heavy rains immediately follow ALANAP-L application, weed control normally will not be impaired. However, some stunting of crop growth or even some stand reduction may be noted, especially in lighter soils. Temperature may accentuate this condition. With the return of good growing conditions, any stunted crop plants will usually recover and resume normal growth.

### TANK MIX COMBINATIONS FOR CUCURBITS

ALANAP-L may be tank-mixed with other soil-applied herbicides registered for use in cucurbit crops to broaden the weed control spectrum, especially for control of grasses, i.e., Prefar®, Command®, Curbit™, Dacthal®, trifluralin. Good weed control results have been reported for ALANAP-L combinations with Prefar or Command; for example:

Product	Rate	Application
ALANAP-L + Prefar 6E	1 to 2 gallons/A + 0.75 to 1.0 gallons/A	PPI or PRE
ALANAP-L + Command 4EC	1 to 2 gallons/A + 0.25 to 1.0 pints/A	PPI, PRE, or post-directed

Use the higher rates of each product when greater weed pressure is expected.

When using mixtures of ALANAP-L with other herbicides, always read and follow directions on each product label carefully, especially regarding approved crops, use rates, soil incorporations, and plantback (rotational crop) restrictions.

Prefar® is a registered trademark of a Zeneca Group company.

Command® is a registered trademark of FMC Corporation.

Curbit™ is a trademark of Platte Chemical Company

Dacthal® is a registered trademark of ISK Biosciences Corp.

### DIRECTIONS FOR USE: NURSERY STOCK

ALANAP-L may be used for broadleaf weed control in woody nursery stock transplants or established plants.

### TIMING OF APPLICATION

For transplants, ALANAP-L may be applied broadcast prior to transplanting. Disturb the treated soil as little as possible. Alternatively, after

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transplanting, ALANAP-L may be applied as directed below.

For established woody plants, apply ALANAP-L broadcast or as a band. Direct spray to strike nursery stock no more than 2 to 3 inches above soil line.

**RATE OF APPLICATION**

Apply 2 to 4 gallons of ALANAP-L in 20 to 40 gallons of water per acre: use 2 to 3 gallons of ALANAP-L per acre on sandy soils, and 4 gallons on silt or clay soils.

**IMPORTANT NOTES:** Avoid application to nursery plant foliage. Do not use on herbaceous plants.

**ALWAYS ROLL, SHAKE OR STIR PRODUCT BEFORE USE**

**STORAGE AND DISPOSAL**

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

**STORAGE:** Store in original container only. After partial use, replace lid and close tightly. Store in a secure place that is dry and temperate. Normal storage temperature should be between 60 and 80°F. This product should not be stored below 60°F, or it may crystallize or precipitate. The crystallized product may be redissolved by gently warming to 95°F. **ALWAYS ROLL, SHAKE, OR STIR PRODUCT BEFORE USE.**

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

**EQUIPMENT CLEANING:** Thoroughly rinse spray tank, hose and nozzles with water after application. Use this product in metal or fiberglass tanks. ALANAP-L can be removed from metal or fiberglass tanks by washing thoroughly with ammonia water and rinsing several times with water containing a good detergent. Do not contaminate water by disposal of equipment washwaters.

**CONTAINER DISPOSAL:**

**Metal Containers:** Triple rinse (or equivalent). Pressure rinse is preferred. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**Plastic Containers:** Triple rinse (or equivalent). Pressure rinse is preferred. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**EMERGENCY ASSISTANCE:**

UNIROYAL CHEMICAL EMERGENCY PHONE	203-723-3670
SAFETY DATA AND INFORMATION	203-573-3303
TRANSPORTATION EMERGENCY (CHEMTREC)	800-424-9300

**IMPORTANT NOTICE**—Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions and instructions specified on the label under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product, contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

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