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400-49

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Allen R. Blem
Uniroyal Chemical Co., Inc.
74 Amity Road
Bethany, CT 06525

AUG - 9 1991

Subject: Alanap-L
EPA Reg. No. 400-49
RE: Label deletion (uses on soybean and peanut).
Your letter dated July 11, 1991.

Dear Mr. Blem:

The above mentioned amendment is acceptable. A stamped copy is enclosed for your records.

Sincerely,

Robert J. Taylor
Product Manager (25)
Fungicide-Herbicide Branch
Registration Division (H7505C)

CONCURRENCES

SYMBOL	H7505C						
SURNAME	HICKS						
DATE	8-7-91						

ALANAP®-L

KILLS BROADLEAF WEEDS



ACCEPTED
200 - 9 00
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 400-49

COMPOSITION

Active Ingredients: (% by weight)	
Sodium salt of naptalam (sodium 2-[(1-naphthalenylamino) carbonyl] benzoate)*	23.7%
Inert Ingredients	76.3%
Total:	100.0%

*Each gallon contains two pounds of active ingredient.

UNIROYAL CHEMICAL COMPANY, INC., Middlebury, CT 06749

EPA REG. NO. 400-49

EPA EST. NO.

001
BEST AVAILABLE COPY

NET CONTENTS:

KEEP OUT OF REACH OF CHILDREN

WARNING

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush with plenty of water for fifteen minutes. Call a physician.

IF SWALLOWED: Call a physician or Poison Control Center. Drink two large glasses of water and induce vomiting.

IF INHALED: See a physician if an abnormal reaction occurs.

IF ON SKIN: Wash thoroughly with soap and water.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS

WARNING

Causes eye irritation. Do not get in eyes, on skin or clothing. Harmful if swallowed.

ENVIRONMENTAL HAZARDS

Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

DIRECTIONS FOR USE

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

GENERAL INSTRUCTIONS

DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION SYSTEM.

OBSERVE ALL CAUTIONS AND LIMITATIONS ON LABELING OF ALL PRODUCTS USED IN MIXTURES.

PREEMERGENCE

1. PREPARATION OF SOIL

Area to be treated must be free of all weeds at time of application. ALANAP-L usually will not control established weeds. To insure maximum weed control, it is important to have a relatively smooth soil surface. If the area to be treated has been plowed, the soil clods should be broken up. If weather factors make replanting necessary after ALANAP-L has been applied, thoroughly disk the area prior to replanting.

2. METHOD OF APPLICATION

- a. Uniform coverage of soil surface is essential.
- b. Apply ALANAP-L within 48 hours of planting.
- c. Rotary hoe may be used to destroy small weeds without impairing herbicide activity if dry weather follows ALANAP-L treatment.
- d. If irrigation is used best results are obtained when water is applied after spraying ALANAP-L.
- e. Avoid spray drift on areas planted to such sensitive crops as beets, tomatoes and spinach.

f. Do not use ALANAP-L on silt loam soils of extremely fine texture. **POSTEMERGENCE** Uniform coverage of foliage is essential. Do not apply if rain is expected within 8 hours of application.

WEEDS CONTROLLED

BROADLEAF WEEDS: common chickweed, common lambsquarters, common ragweed, common purslane, velvetleaf, common cocklebur, field and hedge bindweed, cutleaf groundcherry, white mustard, shepherds purse, redroot pigweed, hairy galinsoga and carpetweed (black and hairy nightshade are controlled in California).

NOTES:

- 1. If heavy rains immediately follow ALANAP-L application, weed control normally will not be impaired. However, some stunting of growth or even some stand reduction may be noted, especially in the lighter soils temperature may accentuate this condition. With the return of good growing conditions the stunted plants will usually recover and maintain a normal growth pattern.
- 2. Do not mix ALANAP-L with liquid fertilizer solutions since solid precipitates may form.

CUCURBITS

Cantaloupe, Cucumber, Muskmelon and Watermelon.
Apply ALANAP-L as a preemergence spray immediately after seeding. A second application postemergence to the crop may be made about a month after planting just before the crop is starting to vine, but before weeds have emerged. ALANAP-L can also be used as a postemergence spray immediately after transplanting crops. ALANAP-L may be used as a tank mix with bensulfide (PREFAR®). See specific directions.

1. PREEMERGENCE

ALANAP-L: Use 6-8 quarts of ALANAP-L in 20-40 gallons of water per acre (broadcast). On light sandy soils reduce the rate to 4-6 quarts of ALANAP-L.

2. IRRIGATED MELONS (Preplant or Preemergence):

Prepare and shape seed beds. Band treat on the bed with the recommended rate (see above use directions for ALANAP-L alone or use directions for Prefar plus ALANAP-L) incorporate to 1-2 1/2 inches. Plant, then irrigate as needed. On sandy loam or lighter soils ALANAP-L should not be used with sprinkler irrigation.

3. POSTEMERGENCE: ALANAP-L may be used postemergence at up to 8 quarts per acre after plants are ready to vine.

NOTES:

1. Do not use ALANAP-L on vine crops of any kind when growing conditions are adverse namely in early spring when weather is cold and wet. Under such conditions ALANAP-L may cause stunting.
2. Do not apply postemergence to vine crops when temperature is 100°F. or above.

ALANAP plus PREFAR ®:

DIRECTIONS FOR USE PRE-PLANT OR PREEMERGENCE: Cantaloupe, cucumber, muskmelon and watermelon — Apply 1-1 1/2 gallons per acre of PREFAR 4E (4 to 6 lbs. a.i.) plus 1 to 2 gallons per acre of ALANAP-L (2 to 4 lbs. a.i.) in sufficient water (10 to 40 gal. / acre) to provide uniform distribution. Incorporate lightly (1/2 to 1 inch) into the soil using suitable equipment just prior to planting. Use lower rates on light (sandy) soils and higher rates on heavier (clay) soils. Reduce the rate proportionately for band applications. For irrigated melons see treating sequence given above.

BROADLEAF WEEDS CONTROLLED:

PREFAR plus ALANAP-L in tank mix combination will control: common chickweed, common lambsquarters, common ragweed, common purslane, velvetleaf, common cocklebur, field and hedge bindweed, cutleaf groundcherry, white mustard, shepherdspurse, redroot pigweed, hairy galinsoga, carpetweed.

ANNUAL GRASSES CONTROLLED: Smooth and large crabgrass, foxtails, barnyard grass, goosegrass, fall panicum and red sprangletop.

IMPORTANT- Follow all general directions for use and precautions listed above on the ALANAP-L label, as well as those listed on the PREFAR label. PREFAR is a registered trademark of ICI AMERICAS INC.

NURSERY STOCK

A. FOR ESTABLISHED WOODY PLANTS (e.g. elm, arborvitae, taxus, pine, spruce, maple, cedar, cottonwood, plum, thuja, picea, lilec, privet, philadelphus, azalea, holly, rhododendron, juniper.)

1. Apply ALANAP-L on a broadcast basis or as a band spray centering on the row. Additional applications may be made as required.
2. Direct sprays so as to strike the nursery stock about 2-3 inches or less above the ground.

B. FOR SMALL WOODY TRANSPLANTS (2 methods suggested).

1. Apply ALANAP-L prior to transplanting. Care should be taken not to disturb much of the treated area.
2. Apply ALANAP-L as directed spray after transplanting.

Use 12 quarts of ALANAP-L in 20-40 gallons of water per acre (broadcast). On light sandy soils the rate should be reduced to 8 quarts. If applying on silt or clay soils increase the rate to 16 quarts.

NOTE: Avoid application to foliage or nursery plantings. Do not use on herbaceous (non-woody) plants.

STORAGE AND DISPOSAL

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

STORAGE: Store in a dry location. ALANAP-L is normally a solution but it may crystallize in the cold (32°F.). Gentle warming (60°F.) will redissolve any crystals. Mild agitation, such as rolling, shaking, or stirring before use is recommended.

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 ALANAP-L 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.

CONTAINER DISPOSAL:

Metal Containers: Triple rinse (or equivalent). 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). 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.

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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