

PM 25 400-49

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

DEC 9 1993

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Judy O. Ball
UNIROYAL CHEMICAL CO. INC.
74 AMITY RD
BETHANY CT 06524

Subject: Label Amendment Submission of 07/16/93 in Response to PR Notice 93-7
EPA Reg. No. 400-49
ALANAP-L

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

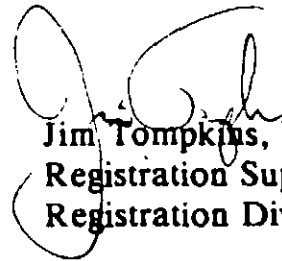
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

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ALANAP®-L

KILLS BROADLEAF WEEDS



ACCEPTED
with COMMENTS
In EPA Letter Dated

DEC 9 1993

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.

003WPS

NET CONTENTS:

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.)

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.

PERSONAL PROTECTIVE EQUIPMENT

Applicator and Other Handlers Must Wear: A long-sleeved shirt & 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.

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.

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 when disposing of equipment washwaters.

DIRECTIONS FOR USE

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

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

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

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 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

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

- Uniform coverage of soil surface is essential.
- Apply ALANAP-L within 48 hours of planting.
- Rotary hoe may be used to destroy small weeds without impairing herbicide activity if dry weather follows ALANAP-L treatment.
- If irrigation is used best results are obtained when water is applied after spraying ALANAP-L.
- Avoid spray drift on areas planted to such sensitive crops as beets, tomatoes and spinach.
- 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 6 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:

- 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.
- 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 bensilfide (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 1-2½ 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:

- 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.
- 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 1-1½ 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 (½ 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, shepherds purse, 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, lilac, privet, philadelphus, azalea, holly, rhododendron, juniper.)

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

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

- Apply ALANAP-L prior to transplanting. Care should be taken not to disturb much of the treated area.
- 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 soil 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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