

PM 25 63239-15 2-13-98 10/3

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Mr. Luz G. Chan  
Registration Manager  
APC Holdings  
P. O. Box 13347  
Memphis, TN 38113-0347

FEB 13 1998

SUBJECT: Label Amendment  
Calar Liquid Herbicide  
EPA Reg. No. 63239-15  
Your Application Dated January 29, 1998

Dear Mr. Chan:

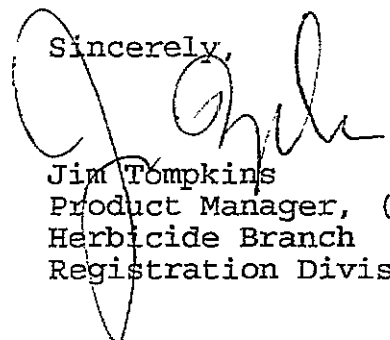
The above mentioned amendment submitted in connection with registration under FIFRA is acceptable provide you make the following provision:

1. Move the labeling changes listed below before you release the product for shipment bearing the amended labeling:
  - Correct the brand name on the label to read "Super Dal-E-Rad Calar" which is the accepted brand name for this product.
2. Submit one (1) copy of your final printed labeling before you release the product for shipment.

A stamped copy is enclosed for your records.

If you intend to have "Calar" as an alternate brand name you should submit an application of amended registration requesting this.

Sincerely,



Jim Tompkins  
Product Manager, (25)  
Herbicide Branch  
Registration Division (7505C)

Enclosure

CONCURRENCES

SYMBOL	7505C							
SURNAME	MINOR, B.							
DATE	Feb 13, 1998							



ACCEPTED  
with COMMENTS  
In EPA Letter Dated  
FEB 13 1998

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Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
63239-15

# Calar Liquid Herbicide

For Crabgrass Control

**ACTIVE INGREDIENT:**

Calcium Acid Methaneearsonate .....	10.3%
OTHER INGREDIENTS: .....	89.7%
<b>TOTAL:</b> .....	<b>100.0%</b>

Total Arsenic as elemental, all in water soluble form, is 5.0%.  
One gallon contains 1 pound of the active ingredient CAMA.

## KEEP OUT OF REACH OF CHILDREN CAUTION

See Below for Practical Treatment (First Aid)  
SHAKE WELL BEFORE USING

EPA Reg. No. 63239-15

EPA Est. No. 19713-MS-1

Net Contents: \_\_\_\_\_

### PRACTICAL TREATMENT (FIRST AID)

**IF SWALLOWED:** Call a physician immediately. 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 ON SKIN:** Wash with plenty of water. Get medical attention if irritation persists.  
**IF INHALED:** Remove victim to fresh air. Apply artificial respiration, preferably mouth to mouth, if indicated.  
**IF IN EYES:** Flush with plenty of water. Get medical attention if irritation persists.

### PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

**CAUTION:** Harmful if swallowed or inhaled. Avoid breathing spray mist. (Coarse sprays are less likely to drift.) Avoid contact with eyes, skin or clothing. Causes eye irritation.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear: Long-sleeved shirt and long pants, waterproof gloves and chemical-resistant footwear plus socks. Follow 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.

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

User should: 1) Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 2) Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 3) 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 contaminate waters used by wildlife, aquatic life, domestic animals or waters used by irrigation. For terrestrial uses, 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 by cleaning of equipment or disposal of wastes.

### PRODUCT INFORMATION

CALAR (Calcium Acid Methaneearsonate) is a post-emergence turfgrass herbicide used in the control of Crabgrass, Barnyardgrass, Witchgrass and Foxtail. May be used on Bermuda, Merion blue, Kentucky blue, Red top, Fescue and Zoysia grasses. Do not use on St. Augustine grass.

### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes. 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.

Do not use on grass grown for seed. Do not allow livestock to graze on treated areas. Do not use drainage water from turf treated with this product for crop irrigation.

Calar is most effective when applied to weeds during hot summer weather but has worked effectively at temperatures as low as 70°F on days with high humidity. Apply to weeds when actively growing.

#### Rate of Application at 80° F and Above

Rate	Amount of Water	Area Covered
8 fluid ounces	5 to 10 Gallons	1,000 square feet
2½ Gallons	50 to 100 Gallons	1 Acre

CALAR may be used on Bentgrass Greens at one-half (½) the rate as recommended above to treat the same area. For temperatures below 80° F, as in Spring and Fall, use twice the rate as specified in the table above to treat grasses other than Bent. The amount of water to cover a given area remains unchanged regardless of the quantity of chemicals used. Thoroughly mix by agitation or recirculating solution in spray tank prior to application. To decrease run-off and increase effectiveness of chemicals through greater leaf absorption, add to the mixture one quart (1 quart) of a suitable surfactant to each 50 gallons of water used.

- Be sure soil is moist before treatment. During dry spells, water thoroughly prior to application.
- Use a fixed boom power sprayer properly calibrated to uniform speed and rate of delivery.
- Normal rainfall following application will not adversely affect results. Resume keeping soil moist day after application and especially during hot, dry weather.
- Two applications 5 to 7 days apart are usually required for complete kill of weeds. New turf should not be treated until the third mowing. If more than the recommended rate is used, most grasses including Zoysia will show temporary discoloration. Normal color will return in a few days.
- Do not apply with hose-end applicators.

Do not spray or allow to drift onto desirable flowers, trees, shrubs, vegetables, or into lakes or streams. Coarse sprays are less likely to drift. Do not store near fertilizer or seeds.

Clean equipment after use by flushing with water.

Manufactured For:

**APC Holdings**

P.O. BOX 13347 - MEMPHIS, TN 38113-0347

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## STORAGE AND DISPOSAL

**STORAGE:** Do not store near feed or food products. Do not contaminate water, food or feed by storage and disposal.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of federal 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). 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.

## WARRANTY—CONDITION OF SALE

OUR RECOMMENDATIONS FOR USE of this product are based upon 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 Drexel or the Seller be liable for consequential, special or indirect damages resulting from the use or handling 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 APC Holdings and is accepted as such by the Buyer.

**BEFORE USING ANY HERBICIDE, STOP AND READ THE LABEL.**