

MAR 7 1995

S. R. Siemer, Ph.D.  
Consultant for SKW Trostberg AG  
Siemer & Associates Inc.  
4672 W. Jennifer, Suite 103  
Fresno, California 93722

Dear Dr. Siemer:

Subject: Dormex<sup>®</sup>

EPA Registration No 54555-2

Your Letter Dated May 6, 1994, Request To  
Extend Section 3 Registration of Hydrogen  
Cyanamide Usage on Grapes To Include the  
California Counties of Kern, Tulare, Fresno  
and Madera

The subject request to amend the registration of  
the pesticide product Dormex<sup>®</sup> by expanding its use to  
include use in the culture of non-desert grapes in four  
counties in the State of California has been reviewed and  
found acceptable for registration under the Federal  
Insecticide, Fungicide and Rodenticide Act as amended,  
provided that you:

1. Add the following statements to the "Environmental Hazards" Section of the proposed labeling:

"Do not apply this product to any area in which  
an endangered species has been identified or  
in such a manner that drift from applications  
of this product could result in destroying  
an endangered species. This limitation applies  
only to areas that have been identified by and  
are protected by State and Federal Agencies."

2. Revise the Worker Protection Statements on the  
proposed labeling to reflect requirements found  
in EPA PR Notices 97-3 and 97-11.

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- 3. Submit one (1) copy of the final printed label before releasing the product for shipment under the revised labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA, Section 6(e). Your release for shipment of the product constitutes acceptance of this condition.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

Joanne I Miller  
 Product Manager (23)  
 Fungicide-herbicide Branch  
 Registration Division (7505)

Inclosure

L. Wilson: Biskette Dornex: 03-06-95

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RESTRICTED USE PESTICIDE

Due to corrosive effects to eyes and skin.

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

DORMEX™

ACTIVE INGREDIENT	BY WEIGHT
Hydrogen cyanamide.....	50.00%
INERT INGREDIENTS.....	50.00%
TOTAL.....	100.00%

U.S. PATENT 4,487,625

4.3 lbs. Active Ingredient per gallon

KEEP OUT OF REACH OF CHILDREN

DANGER - PELIGRO

100% Pure  
100% Cyanide  
100% Active

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Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
I am labeled, for the pesticide  
registered under EPA Reg. No.  
54555-2

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

SEE ADDITIONAL PRECAUTIONS ON THE SIDE PANEL  
STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Holding lids apart, flush eyes with gentle stream of water for 15 minutes. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists. Remove and wash contaminated clothing before reuse.

IF SWALLOWED: Call a physician or Poison Control Center. Do not induce vomiting. If he is alert, have patient drink water. 1-2 cups up to five years of age. Up to 1 quart; over 5 years of age. Do not exceed above quantities in order to avoid vomiting. NOTE TO PHYSICIAN: Immediate lavage of stomach. Hydrogen cyanamide is not hydrogen cyanide and does not degrade to hydrogen cyanide. Do not induce vomiting or give anything by mouth to an unconscious person.

EPA REG. NO. 54555-2

EPA EST. NO. 54555-

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SKW TROSTBERG AKTIENGESELLSCHAFT  
D-83303 TROSTBERG, GERMANY  
P.O.B. 1262

DISTRIBUTED EXCLUSIVELY BY

DK International, Inc.  
1000 Johnson Ferry Road, Ste. C110  
Marietta, Georgia 30068

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NET CONTENTS \_\_\_\_\_ Gals.

BATCH NO. \_\_\_\_\_

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Corrosive, causes eye and skin damage. Do not get in eyes, on skin, or on clothing. Do not breathe spray mist. If a skin rash develops as a result of exposure to DORMEX, avoid exposure to the material or its spray drift, some people may develop a sensitivity to DORMEX. Avoid contamination of food and feed.

Applicators must not work more than 26 days per a 60 day season. Mixers/loaders must not work more than 12 days per a 60 day season. Anyone who mixes, loads and applies this product must not work more than 30 days per a 60 day season. The above exposure restrictions are for 8 hour work-days.

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category C on an EPA chemical resistance category selection chart.

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APPLICATORS AND OTHER HANDLERS MUST WEAR:

- Chemical-resistant protective suit
- Chemical-resistant gloves such as Barrier Laminate, or Butyl Rubber  $\geq$  14 mils, or Nitrile Rubber  $\geq$  14 mils, or Neoprene Rubber  $\geq$  14 mils, or Polyvinyl Chloride (PVC)  $\geq$  14 mils, or Viton  $\geq$  14 mils
- Chemical-resistant footwear plus socks
- Protective eyewear - persons who mix, load or transfer must wear goggles. A full-faced respirator may be substituted for goggles.
- Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron when cleaning equipment, mixing, or loading.
- A respirator with either an organic-vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G)

USER SAFETY REQUIREMENTS:

- No alcoholic beverages. Do not consume alcoholic beverages prior to, during, and following (24 hours) handling this product.
- Dispose of Contaminated Clothing. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with liquid from this product. Do not reuse them.
- Clean and maintain PPE: 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. Wash PPE after each day's use.

ENGINEERING CONTROLS STATEMENTS:

- Closed Systems: This product must be mixed, loaded, and transferred only in a closed system.
- Enclosed Cab or Cockpit: This product must be applied only with the applicator in an enclosed cab or enclosed cockpit. Human flaggers are prohibited unless in an enclosed cab.
- Closed Systems and Enclosed Cabs/Cockpits Requirements: The closed system and enclosed cab or cockpit must be used 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.
- The operating pressure of the spray rig shall be no more than 40 psi with the use of low pressure nozzles.

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## 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.
  - 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.
  - Avoid contact with spray contaminated surfaces.
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## ENVIRONMENTAL HAZARDS

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 or closer than 300 yards to waters containing fish. Do not contaminate water by the cleaning of equipment or disposal of wastes. Do not apply when weather conditions favor drift from treated areas. Do not apply where runoff is likely to occur. Do not apply in any manner not specified on this label. Do not spray when bees are active in the field.

## 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 in a way that will contact workers or other persons, either directly or through drift. Only protected handlers or protected supervisors may be in the area during application. During the application no person shall be within 100 yards of the area to be treated unless involved in application or mix/load operations. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Applicators must not work more than 26 days per a 60 day season. Mixers/loaders must not work more than 12 days per a 60 day season. Anyone who mixes, loads and applies this product must not work more than 30 days per a 60 day season. The above exposure restrictions are for 8 hour work-days.

Do not apply this product through any type of irrigation system.

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## 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), notification to workers, 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 72 hours.

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:

- Chemical-resistant protective suit
- Chemical-resistant gloves, such as Barrier Laminate, or Butyl Rubber  $\geq$  14 mils, or Nitrile Rubber  $\geq$  14 mils, or Neoprene Rubber  $\geq$  14 mils, or Polyvinyl Chloride (PVC)  $\geq$  14 mils, or Viton  $\geq$  14 mils
- Chemical-resistant footwear plus socks
- Protective eyewear - persons who mix, load or transfer must wear goggles. A full-faced respirator may be substituted for goggles.
- Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron when cleaning equipment, mixing, or loading

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

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For earlier than normal budbreak, make the application earlier than 4 weeks prior to normal budbreak but not later than January 31 and not before December 1.

Some yellowing on the first leaves may appear but the developing growth will be normal. In determining to apply Dormex to promote earlier than normal budbreak the user should be aware that growing buds and shoots are susceptible to frost and may be killed or damaged by freezing temperatures.

To avoid possible exposure to the endangered Coachella Valley fringe-toed lizard in the vineyards located within boundaries of the Coachella Valley Preserve, applications may not be made within 50 feet of the boundary of the Coachella Valley Preserve.

#### NON-DESERT GRAPES -

For use in California Counties of Kern, Tulare, Fresno, and Madera.

To promote uniform budbreak apply Dormex as a 4% (v/v) solution in water with 1/2% (v/v) nonionic surfactant prior to budbreak after pruning. Use a coarse droplet nozzle, nozzle pressure must not exceed 40 psi, and thoroughly spray dormant vines. Do not exceed 4 gallons per acre of Dormex per application. Make only one application per crop cycle. On old vines with heavy bark and widely spread cordons, such as with old Perlette vines, use the higher gallonage, up to 100 gallons per acre, to achieve thorough wetting. Do not tank mix with other materials. If applied less than four weeks prior to natural budbreak, yield may be reduced. To assure uniform budbreak all buds must be sprayed.

For earlier than normal budbreak, make the application earlier than 4 weeks prior to normal budbreak but not later than February 15 and not before December 15.

Some yellowing on the first leaves may appear but the developing growth will be normal. In determining to apply Dormex to promote earlier than normal budbreak the user should be aware that growing buds and shoots are susceptible to frost and may be killed or damaged by freezing temperatures.

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## STORAGE AND DISPOSAL

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**STORAGE:** Keep under cool conditions, not to exceed 20°C (68°F). Do not store in direct sunlight.

**PROHIBITIONS:** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Keep pesticide in original container.

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

**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.

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## DIRECTIONS FOR USE - Cont'd

Note to User: Application at rates in excess of those stated above may reduce emergence of primary buds, causing secondary bud growth which can reduce yield in the immediate crop cycle. Drift onto sensitive crops must be avoided since Dormex may cause defoliation or other types of injury to non-target plants. Lemon trees are especially sensitive.

### DESERT GRAPES -

For use in desert grown grapes in California Counties of Imperial, Riverside and San Bernardino and in Arizona Counties of Maricopa, Pinal and Yuma.

To promote uniform budbreak apply Dormex as a 4% (v/v) solution in water with 1/2% (v/v) nonionic surfactant prior to budbreak after pruning. Use a coarse droplet nozzle, nozzle pressure must not exceed 40 psi, and thoroughly spray dormant vines. Do not exceed 4 gallons per acre of Dormex per application. Make only one application per crop cycle. On old vines with heavy bark and widely spread cordons, such as with old Perlette vines, use the higher gallonage, up to 100 gallons per acre, to achieve thorough wetting. Do not tank mix with other materials. If applied less than four weeks prior to natural budbreak, yield may be reduced. To assure uniform budbreak all buds must be sprayed.

CONDITIONS OF SALE:

1. SKW warrants that this product consists of the ingredients specified and is reasonably fit for the purpose stated on this label when used in accordance with the directions under normal conditions of use. No one other than an officer of SKW is authorized (and such authorization must be in writing) to make any other warranty, guarantee or direction concerning this product.

2. Because the time, place, rate of application, weather conditions and normal or abnormal conditions of use or storage are beyond SKW's control, SKW's liability is limited to replacement of product or refund of purchase price. In no event shall SKW be liable for indirect or consequential damages.

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