

PM 13 5020-102  
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DEC 14 1992

3015423338  
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Mr. Dennis Morgan  
Oregon-California Chemicals, Inc.  
29454 Meadowview Rd.  
Junction City, OR 97448

Dear Mr. Morgan:

Subject: Label Revisions  
OR-CAL Colloidal Insecticide  
EPA Registration No. 52251-32  
Your Letter Dated June 10, 1992

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable provided that you make the labeling changes indicated below prior to release for shipment of product bearing the amended labeling.

1. Under the Environmental Hazards statement revise "wetlands" as follows:

Do not apply directly to water, to areas where surface water present or to intertidal areas below the mean high water mark.

Submit five copies of your final printed labeling before you release the product for shipment. A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

George T. LaRocca  
Product Manager 13  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

Enclosure

CONCURRENCES

SYMBOL	1/CA						
SURNAME	1/18/92						
DATE	1/18/92						

## GAMMA UP

### RESTRICTED USE PESTICIDE

The use of this product may be hazardous to your health. This product contains Lindane, which has been determined to cause tumors in laboratory animals. Risks can be reduced by closely following the use directions and precautions, and by wearing the protective clothing specified elsewhere on this label. For retail sale to and use only by Certified Applicators or person under their direct supervision, and only for those uses covered by the Certified Applicator's certification.

#### ACTIVE INGREDIENT:

Lindane (Gamma Isomer of Benzene Hexachloride) . . . . . 40%

INERT INGREDIENTS . . . . . 60%

TOTAL . . . . . 100%

Contains aromatic petroleum distillate

ALL APPLICABLE DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THE LABEL ARE TO BE FOLLOWED

KEEP OUT OF REACH OF CHILDREN

## WARNING AVISO

**PRECAUTIONAL USARIO:** Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente

### STATEMENT OF PRACTICAL TREATMENT

**IF SWALLOWED:** Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

**IF INHALED:** Remove a victim to fresh air. Apply artificial respiration if indicated.

**IF ON SKIN:** Remove contaminated clothing, and wash affected areas with plenty of soap and water. Get medical attention.

**IF IN EYES:** Flush with plenty of water. Call a physician if irritation persists.

## GAMMA UP

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)

### WARNING

Causes (moderate) eye injury (irritation). Do not get in eyes, on skin, or on clothing. May be fatal if swallowed or absorbed through skin. Do not breathe vapor or spray mist. Use waterproof gloves, face shield or goggles, and protective clothing when handling. See also the specific uses for additional directions for protective clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash before reuse. Do not use on humans or household pets. Avoid exposure to children. Do not allow children to handle or apply this product. Do not allow children and pets in treated areas until surfaces are dry. Do not apply to food or forage nor to crops to be fed to dairy animals. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Protective clothing means, at least, a hat or other suitable head covering, a long-sleeved shirt and long-legged trousers or a coverall type garment (all of closely woven fabric covering the body, including arms and legs), socks, and shoes.

### STORAGE AND DISPOSAL

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

**STORAGE:** Store in a cool, dry place. Keep container closed when not in use.

**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 by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

DEC 14 1992

Under the Federal Insecticide,  
Fungicide, and Rodenticide  
Act, as amended, for the product  
registered under EPA Reg.

52251-32

## GAMMA UP

OREGON-CALIFORNIA  
CHEMICALS, INC

29454 MEADOWVIEW ROAD  
JUNCTION CITY, OREGON 97448  
503-689-4413

EPA Reg. No. 52251-32

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, birds, and other wildlife. Do not apply directly to water or wetlands. Drift and runoff from treated areas may be hazardous to fish in neighboring areas. Do not contaminate water when disposing of equipment wash waters.

This pesticide is highly toxic to bees exposed to direct application. Applications should be timed to coincide with periods of minimum bee activity, usually between late evening and early morning.


### DIRECTIONS FOR USE

Use only according to attached label booklet instructions. It is a violation of federal law to use this product in a manner inconsistent with its label.

**Chemigation:** do not apply this product through any type of irrigation system.

Where a dosage range is recommended, use the higher dosage when the weather is conducive to rapid insect growth (warm, humid weather) and when the plants are in full foliage. Either use the entire container at one time, but do not exceed recommended rates; or after spraying partially, use container, mix thoroughly before use.

Apply in sufficient volume of water to provide good coverage with available equipment, either by sprays or in concentrate granular form. Aerial application of Lindane is prohibited.



## CONDITIONS OF SALE - LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES

The directions on this label are believed to be reliable and should be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions, the failure to follow the label directions, or good application practices, all of which are beyond the control of Oregon-California Chemicals, Inc. or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. Oregon-California Chemicals, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of Oregon-California Chemicals, Inc. Oregon-California Chemicals, Inc. makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose. The exclusive remedy against Oregon-California Chemicals, Inc. for any cause of action relating to the handling or use of this product is a claim of damage and in no event shall damages or any other recovery of any kind against Oregon-California Chemicals, Inc. exceed the price of the product which causes the alleged loss, damage, injury, or other claim. Oregon-California Chemicals, Inc. shall not be liable and any and all claims against Oregon-California Chemicals, Inc. are waived, for special, indirect, incidental, or consequential damages or expense, of any nature, including, but not limited to, loss of profits, or income, whether or not based on Oregon-California Chemicals, Inc. negligence, breach of warranty, strict liability in tort or any other cause of action. Oregon-California Chemicals, Inc. and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

### ALL APPLICABLE DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THE LABEL ARE TO BE FOLLOWED.

#### USES ON ANIMALS

Using Dosages given below, spray entire animal or infested areas as necessary in following amounts. Adult Animals (Horses, Cattle): 2 qts diluted spray per head, using proportionately lesser amounts for smaller animals. Use from 300 to 400 lbs. pressure. Young animals (those over 3 months of age): 1 qt. diluted spray per animal. Wash hands thoroughly with soap and warm water after handling the concentrate or applying the diluted product to animals.

**BEEF CATTLE, SHEEP, GOATS, HOGS, HORSES:** Spray or Dip for *Scab* and *Sarcoptic Mange* (Scab or Scabies) 12 oz. per 100 gals. water. For most effective treatment, apply 2 sprays on week apart. Do not use on sick animals. Lice, Ticks, Horn

Flies, Stable Flies - 8 oz. per 100 gals. water. Sheep Ticks (Keds) on Sheep - 12 oz. in 100 gals. water. Spray along back and around ears, spraying against wool. Spray in fall. In some areas a repeat treatment after shearing is also advisable. About 350 lbs. pressure is desirable.

Also for use in accordance with the recommendations and instructions issued by the United States Department of Agriculture for quarantine programs and to be used only by or under the direction of federal/state personnel for quarantine treatments.

**NOTE:** Used dip solutions must be disposed of in accordance with the Resource Conservation and Recovery Act (RCRA). If the applicator generates more than 1000 kg (2200 lbs) of used dip solution per month, or more than 1000 kg (2200 lbs) of used dip solution in combination with other hazardous waste, the material must be treated as hazardous waste subject to subpart C of RCRA. Any user who wishes to treat, store or dispose of hazardous waste must obtain a permit to serve as a hazardous waste facility pursuant to RCRA.

Do not apply to dairy cattle or dairy goats. Do not spray beef cattle, sheep, goats and hogs within 30 days of slaughter. Do not dip animals within 60 days of slaughter. Do not apply to animals within 30 days of giving birth to young, nor for at least 3 weeks thereafter. Do not treat nursing animals. Do not apply to calves less than 3 months old. Do not treat animals in cold stormy weather. Do not treat thirsty, overheated or sick animals. Make sure animals are well watered prior to being dipped to prevent them from drinking the treating dip. Thoroughly stir the treating vats before using. If any separation of emulsion occurs, do not use the dip.

Do not apply under conditions involving possible drift to food, forage or other plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption. Do not apply to feed forage to be fed or grazed by livestock or poultry; do not contaminate feed or food crops. Do not use on poultry or in poultry houses. Do not use in dairies or on dairy animals.

**WARNING:** Applicators must wear water resistant hat, lightweight protective suit or coverall, unlined waterproof gloves (natural rubber, neoprene, or polyethylene), and unlined lightweight boots. Mixer/loaders must wear goggles or a face shield, waterproof apron, and unlined waterproof gloves.

#### ENVIRONMENTAL HAZARD:

This pesticide is toxic to fish, birds, and other wildlife. Do not apply directly to water or wetlands. Drift and runoff from treated areas may be hazardous to fish in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

This pesticide is highly toxic to bees exposed to direct application. Applications should be timed to coincide with periods of minimum bee activity, usually between late evening and early morning.

### ALL APPLICABLE DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THE LABEL ARE TO BE FOLLOWED.

#### LIVESTOCK BUILDINGS AND PENS

Ants (including Carpenter Ants), Bed bug complex, Cockroaches, Fleas, Flies (including House fly and Stable fly), Gnats, Midges, Mosquitoes, Silverfishes, Spiders, Ticks

**Spray application:** Use 1 quart in 100 gallons of water. Residual premise treatment. For crawling insects thoroughly spray all baseboards, cracks, floors, and other places where pest hide, also spray any pest present. For flying insects apply as a coarse spray to walls, ceilings, beams, screens, window frames, partitions, and similar places where pest congregate. Repeat as needed. Applications may be made to interior and exterior surfaces, adjacent fences, and weedy foliage. Do not allow livestock to graze treated foliage. Do not use in dairy barns or poultry houses. Cover feed and water troughs before spraying or wash thoroughly with a pressure hose before spray deposit dries. Remove animals prior to application.

**WARNING:** Applicators must wear water resistant hat, lightweight protective suit or coverall, unlined waterproof gloves (natural rubber, neoprene, or polyethylene), and unlined lightweight boots, and an MSHA/OSHA approved respirator. Mixer/loaders must wear goggles or a face shield, waterproof apron, and unlined waterproof gloves.

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