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34704-578

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

3405521072
18/3

APR - 1 1997

Mr. J. Allen Dunlap III
Plate Chemical Company
150 S. Main Street
Fremont, NE 68025-5697

Dear Mr. Dunlap:

Subject: Label Amendments in Response to Basic Suppliers
Deletion of Certain DDVP uses. Vapora 18.5% Vapona
Concentrate
Reg. No. 34704-578
Your Submission Dated May 16, 1995

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. Two copies of the finished labeling must be submitted prior to releasing the product for shipment. A stamped label is enclosed for your records.

1. Under "Directions For Use" add the "Do not make direct application to livestock more frequently than once per day."
2. Add appropriate "If inhaled" statement of practical treatment.
3. The precautionary section must be headed with the heading "Precautionary Statements": Hazards to Humans and Domestic Animals.
4. Revise the current personal protective paragraph to read as follows: Wear coveralls worn over long-sleeved shirt and long pants, socks, chemical resistant footwear, water proof gloves and protective eyewear. Wear 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); and a chemical resistant apron when mixing or loading. Keep all unprotected persons out the operational area.

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

5. Add the common name dichlorovos to the ingredient statement. It should precede the chemical name.
6. Revise the "Environmental Hazards to read as follows": This product is toxic to fish and wildlife. Do not apply directly to water or to areas where surface waters are present or to intertidal area below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.
7. The statement of practical treatment must appear on the front panel of the label for pesticides falling into Toxicity Category I on the basis of oral, inhalation or dermal toxicity.

Sincerely,

George T. LaRocca
Product Manager (13)
Insecticide-Rodenticide Branch
Registration Division (7505C)



VAPORA

18.5% VAPONA

CONCENTRATE

TM ACCEPTED
with COMMENTS
in EPA Letter Dated

APR - 1 1997

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

34704-578

FOR AGRICULTURAL/COMMERCIAL USE ONLY NOT FOR SALE FOR ANY OTHER USES

For use on lactating Dairy cattle,
Beef cattle, Hogs, Sheep and Goats.

Kills: Face flies, Houseflies,
Stable flies, Horn flies, Gnats,
Mosquitoes, Ants, Roaches.

ACTIVE INGREDIENTS:

2,2-Dichlorovinyl dimethyl phosphate	17.205%*
Related compounds	1.295%*
INERT INGREDIENTS:**	81.500%

TOTAL 100.000%

*Equivalent to 18.500% Vapona® Insecticide.

**This product contains xylene range aromatics.

• Reg. T.M. Shell Chemical Co.

KEEP OUT OF REACH OF CHILDREN DANGER

See additional information on side panel
May be fatal if swallowed, inhaled or absorbed through skin or eyes.
Vapona insecticide concentrate and the diluted emulsion are poisonous; therefore, read warnings and dangers and antidote statements appearing on the side panel before using.

EPA REG. NO. 34704-578

EPA EST. NO. _____

NET CONTENTS ONE GALLON
(3.785 liters)

4628

EXP05Y95

DANGER

PRECAUTIONS IN USING

Do not get on skin, or eyes or on clothing. VAPORA Insecticide is poisonous if swallowed, inhaled or absorbed through skin or eyes. Do not breathe vapor or spray mist. Wash all contaminated clothing with soap and hot water before reuse. Do not reuse shoes or boots until free of all contamination. Wear natural rubber gloves, protective clothing, goggles and mask or respirator of the type approved by the U.S. Bureau of Mines for VAPORA protection when handling the concentrate to prepare emulsions. Keep all unprotected persons out of the operational area when preparing the emulsions. In case of contact, immediately remove contaminated clothing and flush skin and eyes with plenty of water; for eyes, get medical attention. Wash all clothing, hands, arms, and face with soap and running water.

Store the concentrate in a safe place. Children or animals must not be able to reach or handle the concentrate or diluted emulsion. Mix the concentrate outdoors or in a well ventilated room. Wash off the outside of the concentrate can in running water before storing. Do not contaminate lakes or streams, feed, water or foodstuffs.

Not for use or storage in or around the home.

Do not apply to calves under 6 months of age. Brahman cattle should not be treated; they may show hypersensitivity to organic phosphate.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and wildlife. Birds feeding on treated areas may be killed. 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 apply when weather conditions favor drift from areas treated. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label. Do not reuse container. Destroy when empty.

STATEMENT OF PRACTICAL TREATMENT

ATROPINE is the emergency antidote for Vapona® insecticide poisoning.

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger, or, if available, by administering syrup of Ipecac. Do not induce vomiting or give anything by mouth to an unconscious person.

IF ON SKIN: If the material has been spilled on the skin, immediately remove patient from the vicinity of the insecticide, remove all contaminated clothing, and wash skin with soap and running water.

IF IN EYES: Wash immediately with running water for at least ten minutes.

IF WARNING SYMPTOMS APPEAR:

Keep patient prone and quiet.

Start artificial respiration immediately if patient is not breathing.

Transport the patient immediately to the nearest hospital. (See WARNING SYMPTOMS below.)

NOTE TO PHYSICIAN

WARNING SYMPTOMS: Symptoms include weakness, headache, tightness in chest, blurred vision, non-reactive pin-point pupils, salivation, sweating, nausea, vomiting, diarrhea and abdominal cramps.

TREATMENT: Atropine is the specific therapeutic antagonist of choice against parasympathetic nervous stimulation. If there are signs of parasympathetic nervous stimulation, atropine sulfate should be injected at 10-minute intervals in doses of 1 to 2 milligrams until complete atropinization has occurred.

Morphine is contraindicated.

Pralidoxime chloride (2-PAM chloride) may also be used as an effective antidote in addition to and while maintaining full atropinization. In adults, an initial dose of 1 gram of 2-PAM should be injected, preferably as an infusion in 250 cc of saline over a 15 to 30-minute period. If this is not practical, 2-PAM may be administered slowly by intravenous injection as a 5 percent solution in water over not less than two minutes. After about an hour, a second dose of 1 gram of 2-PAM will be indicated if muscle weakness has not been relieved. For infants and children the dose of 2-PAM is 0.25 grams.

Clear chest by postural drainage.

Repeated exposure to cholinesterase inhibitors may, without warning, cause prolonged susceptibility to very small doses of any cholinesterase inhibitor.

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

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

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VAPORA
EPA REG. NO. 34704-578

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container. Do not store under conditions which might adversely affect the container or its ability to function properly.

STORAGE: Do not store below temperature of 0°F. Store in safe manner. Store in original container only. Store in cool, dry place. Keep container tightly closed when not in use. Reduce stacking height where local conditions can affect package strength. Personnel should use clothing and equipment listed under DANGER when handling open containers.

SPILLED MATERIAL: Block or dike to prevent spreading of spill. Cover with absorbent materials such as lime, clay or sawdust. Scoop and sweep into a disposal container. Wash area with strong lye solutions, absorb and place into a disposal container.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. 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: Metal: 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: 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.

VAPORA insecticide may be used for control of face, horn, stable and houseflies, mosquitoes, roaches, ants, gnats, crickets and certain other small flying insects.

FACE FLY SOLUTION — Mix 6 fl. ozs. (¾ cup) with 1 gal. water and 1 lb. sugar.

1% SOLUTION — Mix 8 fl. ozs. (1 cup) with 1 gal. water.

0.5% SOLUTION — Mix 4 fl. ozs. (½ cup) with 1 gal. water.

FOGGING SOLUTION — Mix 8 fl. ozs. (1 cup) with 1 gal. petroleum distillate.

**DO NOT MIX UP MORE DILUTED SPRAY THAN IS
NEEDED FOR THE APPLICATION.**

DILUTED SOLUTION:

FACE FLIES—Face Fly Solution with sugar—apply 2 fl. ozs. of face fly diluted solution with sugar to face and back of beef or dairy cattle each morning for about 2 weeks and thereafter as needed. Mix the diluted solution well and shake the sprayer occasionally during the application. Use a sprayer with adequate capacity.

LACTATING DAIRY & BEEF CATTLE, HORSES—1%—To protect cattle and horses from houseflies, stable flies, horn flies, mosquitoes, and gnats, use the 1% diluted solution daily and cover the animal with spray with particular attention to the back, flank and legs. Daily spray is not to exceed 2 ozs. per head. Do not soak the skin. For best results, spray 1 oz. morning and evening.

HOGS, SHEEP AND GOATS—1%—Apply 1% diluted solution daily to face, back, flanks, belly and legs. Do not use more than 1 oz. per head daily. Reduce dosage ½ for younger animals.

FOGGING AND SURFACE SPRAY—ANIMAL BUILDINGS, DAIRY BARN, MILK ROOMS, STABLES, HOG HOUSES, SHELTERS AND POULTRY HOUSES—1%—For control of Flies, Mosquitoes, Roaches, Ants, Gnats, and Crickets. Use 1 pt. of 1% diluted fogging solution per each 8000 cu. ft. Repeat as necessary. Animals should not be enclosed if they have received direct application within 8 hours. Do not spray directly on birds. For a surface spray, use 1 pt. of diluted solution per 1000 sq. ft. Treat weekly on walls, ceilings, rafters, window ledges, pens and floors. **DO NOT CONTAMINATE MILK, WATER, FEED OR UTENSILS.**

FLY BREEDING AREAS, MANURE PILES, GARBAGE DUMPS—Use 1 qt. of diluted 1% solution per 100 sq. ft. Treat every 4 to 5 days to control fly breeding.

FEED LOTS, BEEF & HOG STOCKYARDS FOR CONTROL OF FLIES, MOSQUITOES, GNATS—Use 1 pt. of this product in enough water to cover 1 acre. Make application weekly until flies are under control. Apply to entire area including animals with suitable spray or misting equipment. Do not contaminate feed or water.

MINK RANCHES—0.5%—Treat droppings with 2 qts. of 0.5% diluted solution per 100 sq. ft. Treat cages, framework, surrounding areas and

building with 1 qt. of 0.5% per 1000 sq. ft. For best results, treat weekly. Do not contaminate feed or water.

NOTICE

PLATTE WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL THEREOF AND IS REASONABLY FIT FOR THE PURPOSES STATED ON SUCH LABEL ONLY WHEN USED IN ACCORDANCE WITH THE DIRECTIONS UNDER NORMAL USE CONDITIONS. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. ANIMAL INJURY, INEFFECTIVENESS, OR OTHER UNINTENDED CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OF OTHER MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF PLATTE. IN NO CASE SHALL PLATTE BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER.

EXCEPT AS EXPRESSLY PROVIDED HEREIN, PLATTE MAKES NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EITHER EXPRESSED OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. BUYER'S OR USER'S EXCLUSIVE REMEDY, AND PLATTE'S TOTAL LIABILITY, SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

FORMULATED FOR

PLATTE CHEMICAL CO.

150 SO. MAIN STREET

FREMONT, NEBRASKA 68025-5697