

**RESTRICTED USE PESTICIDE**  
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 CERTIFI-  
CATION

**VELSICOL**

**EPN 25% WP**

**Insecticide**



Active ingredients  
0.5% D-phenothrin  
99.5% phosphoric acid  
Inert ingredients  
100%

KEEP OUT OF REACH OF CHILDREN



**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND  
DOMESTIC ANIMALS  
DANGER**



**POISON**

Poisonous by Skin Contact, Inhalation, or Swallowing  
Rapidly absorbed through skin  
Do not get in eyes, on skin or on clothing. Do not breathe  
spray mist

**PROTECTIVE CLOTHING AND EQUIPMENT REQUIRED**

Wear clean protective clothing, goggles, and respirator approved by NIOSH or the American National Standards Institute when applying or handling, or when reentering fields within 24 hours of treatment. The following protective clothing must be worn: lightweight, unlined, natural rubber gloves at least midforearm in length, a wide brimmed waterproof hat or waterproof hood; a protective suit or overalls of a nonpermeable, non-cloth material covering the body from ankles to wrists; lightweight, unlined, natural rubber boots at least mid-calf in length; full-face respirators are recommended; half-face respirators and goggles are required. Aerial applicators in positive pressure cockpits and other applicators in comparable ground equipment with appropriate filters at all air intakes need not comply with these protective clothing requirements.

**WORK SAFETY RULES**

Keep unprotected persons and children away from treated areas where there is danger of drift. For aerial application, flapping must be fully automated, mechanical means, or, if by hand, by persons working in enclosed vehicles.

Do not rub eyes or mouth with hands. If you feel sick in any way, STOP work and get help right away. Call a doctor (physician, clinic or hospital) immediately. Explain that the victim has been exposed to EPN and describe his condition. The first aid is given (see Statement of Practice, Treatment and First Aid) and if a doctor cannot come, take victim to clinic or hospital.

**IMPORTANT:** Before removing gloves, wash them with soap and water. Always wash hands, face and arms with soap and water before smoking, eating or drinking.

**AFTER WORK:** take off all work clothes and shoes. Shower using soap and water. Wear only clean clothes when leaving job. Do not wear contaminated clothing. Wash protective clothing and protective equipment with soap and water after each use. Respirator should be cleaned and filter replaced according to instructions included with respirator.

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1974-1975 EPN MAP 1000

### **SYMPTOMS OF INTOXICATION**

EPN is a highly toxic material which can rapidly be absorbed through the skin by inhalation or swallowing. **EXPOSED PERSONS MUST RECEIVE PROMPT MEDICAL TREATMENT.**

Symptoms of poisoning may include headache, nausea, vomiting, cramps, weakness, blurred vision, pin-point pupils, tightness in chest, labored breathing, nervousness, sweating, watering of eyes, drooling or frothing of mouth and nose and muscular spasms and coma. Additional non-specific symptoms may appear such as bizarre and abnormal behavior and or palpitation. **IN ADDITION, EPN POSSESSES THE CAPABILITY OF CAUSING DELAYED NEUROTOXICITY.** Overexposure may result in varying degrees of peripheral neuropathy.

### **POST TREATED AREA**

Consult your State Agricultural Extension Service or Experiment Station regarding posting treated areas.

### **ENVIRONMENTAL HAZARDS**

This product is toxic to fish and wildlife. Birds and other wildlife feeding on treated areas may be killed. Keep out of any body of water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated.

This product is highly toxic to bees exposed to direct treatment or residue on blooming crops and weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

### **LIMITED WARRANTY AND LIABILITY**

**NOTICE:** Read this Limited Warranty and Liability before buying or using this product. If the terms are not acceptable, return it at once unopened.

It is critical that this product be used and mixed only as specified on the label. The laws of a State may make some or all of this paragraph inapplicable or may give you rights in addition to your rights hereunder. Except to the extent prohibited by applicable law, the exclusive remedy of the user or buyer and the limit of liability of this Company or any other Seller for any and all losses, personal injuries or damages resulting from the use of this product shall be the purchase price paid by the user or buyer for the quantity of product involved. Except to the extent prohibited by State law, there is no warranty, and this Company and other Sellers disclaim all liability for losses, personal injury or damages arising from any use of this product in a manner or for a purpose not recommended in its label directions or from mixing this product before use with any substance except as recommended by the product's label. Liability arising from handling or storage in violation of label instructions shall be for all indirect, special or consequential damages, whether reported to this Company within one year of discovery and, if arising from product not used within the label designated shelf life or four years from date of purchase, whichever first occurs. **THERE ARE NO IMPLIED WARRANTIES AND NO WARRANTIES OF MERCHANTABILITY OR FITNESS.**

BEST DOCUMENT AVAILABLE

### DIRECTIONS FOR USE

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

#### Reentry Statements

Do not treat areas where unprotected humans or domestic animals are present  
 Do not allow entry into treated fields within 24 hours after treatment unless full protective clothing is worn.  
 Consult appropriate State regulatory officials for State reentry restrictions which take precedence when more restrictive than those stated on this label.

#### Application Instructions

Do not apply this product when weather conditions favor drift from treated area.  
 Do not apply to orchards or groves when trees or a substantial number of weeds are in bloom. Do not apply to blooming cotton if bees are visiting the treatment area.  
 Do not apply corn during the pollen-shed period if bees are visiting the treatment area.

Application should be made with sufficient volume of water to thoroughly cover the plant surface. A minimum of 20 gals. of water per acre should be used unless otherwise stated. Mix the required amount of EPN 25% WP insecticide with a small quantity of water and then add to tank with agitator running when nearly full or through the screen while filling with water. The number of days between last application and harvest is indicated by the number in ( ) following the crop.

| Crop   | Insect   | Rate of EPN 25% WP/Acre  | Remarks   |
|--|--|--|---|
| Almonds (2)  | Worm (European Red Peach)<br>Sawfly<br>Two-Spotted Wasp<br>Worm                    | Apply 1/4 to 1/2 lb. per 100 gals. of water  |   |
| Apples (2)<br>Cherries (2)<br>Peaches (2)<br>Plums (2)<br>Prunes (2) | Plum curculionid<br>Oxheart<br>Borer   | 1 lb. 1/2 lb. per 100 gals.  | Apply at petal fall and every 10 to 14 days thereafter until control is achieved    |
|  | Leaf-miner<br>Peachtree<br>Borer<br>Peachtree Borer                                | 1/2 to 3 lbs. per 100 gals.  | Apply 2 to 3 days before buds open from ground to scabrous times shed with moth fly |
|  | Leaf-miner and<br>Peachtree<br>Borer<br>Oxheart                                    | 1/2 lb. per 100 gals.  |   |
|  | Oxheart<br>borers  | 1 lb. per 100 gals. plus 1/2 oz. light medium or 2 1/2 lbs. per 100 gals. water      |   |
|  | Fruitworm<br>leaf-miner or<br>Oxheart and<br>E. peaches and<br>Peachtree<br>borers | 1/2 lb. per 100 gals. of water   |   |
| Cherries (2)<br>Peaches (2)<br>Plums (2)<br>Prunes (2)               | Worm (European Red Peach)<br>Sawfly<br>Two-Spotted Wasp<br>Worm                    | Apply 1/4 to 1/2 lb. per 100 gals. of water  |   |
| Apples (2)<br>Peaches (2)  | Plum curculionid   | 1 lb. 1/2 lb. per 100 gals.  | Apply at petal fall and every 10 to 14 days thereafter until control is achieved    |
|  | Codling moth   | 1 lb. per 100 gals.  |   |
|  | Fruitworm<br>leaf-miner  | 1/2 lb. per 100 gals. of water   |   |
|  | Worm (European Red Peach)<br>Sawfly<br>Two-Spotted Wasp<br>Worm                    | Apply 1/4 to 1/2 lb. per 100 gals. of water  |   |
| Beans (2)  | Mexican bean beetle  | 1 to 2 lbs. per acre   | Make 1st application starting 1 to 7 days after eggs hatch                          |
|  | Two-Spotted<br>Worm  | Use 1/2 to 1 lb. per acre  |   |
| Citrus (2)   | Orange thrips  | 5 to 8 lbs. per acre   | Do not use feeder hose for application  |
|  | Citrus thrips  | 5 to 8 lbs. per acre   | For citrus thrips apply to outside of leaves  |
|  | Fruitworm<br>leaf-miner<br>Orange<br>thrips  | 3 to 5 lbs. per acre   |   |
|  | Citrus thrips  | Use 2 lbs. per 100 gals. of water in Florida use 1/2 to 1 lb. per 100 gals. of water |   |

EPN 25% WP INSECTICIDE

|                                   |   |  |  |
|-----------------------------------|---|--|--|
| Corn 14<br>Frost<br>Sweet<br>Seed | European<br>corn borer  | 1 to 2 lbs per acre                    | Consult your State Agricultural Experiment Station for proper timing of treatments. Generally, for sweet corn apply when 25% of the plants show evidence of leaf feeding. Repeat at 5 day intervals as needed. For 1 to 3 treatments may be needed. For second brood apply when eggs begin to hatch. For frost corn apply 10 days after eggs hatch or when 75% of plants have feeding damage in the leaf whorls. Repeat 7 to 10 days later if new feeding damage occurs. For second brood apply when eggs begin to hatch. For corn grown for seed apply when 25% of plants have feeding damage in the leaf whorls. Repeat in 7 days if new feeding damage occurs. For second brood apply if pest shredding and white plants are in the green seed stage. |
| Grapes 21                         | Grape berry<br>moth   | 1 lb per acre                          |  |
|                                   | Mite<br>(European Red<br>Pachy<br>Schoone<br>Ten Spotted<br>Western)  | Apply 1/2 to 1 lb per 100 gal of water |  |
| Pecans 27                         | Aphid<br>Southern green<br>stink bug  | 2 lbs per 100 gal of water             | Do not graze livestock in treated groves. Do not use in home plantings.  |
|                                   | Full webworm<br>Worm<br>caterpillar   | 2 lbs per 100 gal of water             | Apply when caterpillars are small. Do not graze livestock in treated groves. Do not use in home plantings.   |
|                                   | Mite beetles  | 2 lbs per 100 gal of water             | Apply when beetles appear in the spring. Do not graze livestock in treated groves. Do not use in home plantings.   |
|                                   | Pecan nut<br>girdler  | 2 lbs per 100 gal of water             | Make 3 applications at 2 week intervals beginning when damage appears. Do not graze livestock in treated groves. Do not use in home plantings.   |
|                                   | Pecan nut<br>casebearer   | 2 lbs per 100 gal of water             | Apply when tips of small nuts begin to turn brown and repeat in 7 to 10 days if needed. Do not graze livestock in treated groves. Do not use in home plantings.  |
|                                   | PECAN NUT<br>SHOOT Borer<br>Pecan weevil  | 2 lbs per 100 gal of water             | Make first application at time of shell hardening or about August 10. Repeat twice at 2 week intervals. If Pecan weevil is only pest present make the first application when 6 or more weevils can be seen from a single tree about August 10. Make a second application 10 to 14 days later. Do not graze livestock in treated groves. Do not use in home plantings.  |
|                                   | Mite<br>(European Red<br>Pachy<br>Schoone<br>Ten Spotted<br>Western)  | Apply 1/2 to 1 lb per 100 gal of water | Do not graze livestock in treated groves. Do not use in home plantings.  |
| Tomatoes 1                        | Leafminer<br>tomato<br>worm<br>Pest<br>Squash<br>worm<br>Tomato<br>pinworm<br>Tomato<br>hornworm<br>Tomato<br>leaf<br>miner | 1 to 2 lbs per acre                    | Repeat at 7 to 10 day intervals as needed.   |
| Watermelon 2                      | Full webworm<br>Worm<br>caterpillar   | 2 lbs per 100 gal of water             | Do not graze livestock in treated groves.  |
|                                   | Watermelon<br>Cucumber<br>beetle  | 2 lbs per 100 gal of water             | For Cucumber beetle apply in pairs for and every 10 to 14 days thereafter until control is achieved. Do not graze livestock in treated groves.   |
|                                   | Mite<br>(European Red<br>Pachy<br>Schoone<br>Ten Spotted<br>Western)  | Apply 1/2 to 1 lb per 100 gal of water | Do not graze livestock in treated groves.  |

### STORAGE AND DISPOSAL

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

#### 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

##### Paper and Plastic Bags

Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

##### Fiber Drums with Liners

Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

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# VELSICOL CHEMICAL CORPORATION

October 13, 1983

Mr. Jay Ellenberger  
Product Manager (12)  
Registration Division  
U.S. Environmental Protection Agency  
401 M Street, S.W.  
Washington, D.C. 20460

SUBJECT: Response to EPN Notice of September 23, 1983.

| <u>Product</u>            | <u>EPA Reg. No.</u> |
|---------------------------|---------------------|
| Technical EPN             | 876-235             |
| Barricade EC              | 876-234             |
| EPN EC                    | 876-328             |
| EPN EC Nos. 2-25          | 876-358 to 381      |
| EPN 4G                    | 876-407             |
| EPN 2G                    | 876-408             |
| Barricade EC Nos. 24 & 25 | 876-430 & 431       |
| EPN 4 EC                  | 876-433             |
| EPN 25* WP                | 876-438             |

Dear Mr. Ellenberger,

In order to continue the registration of the subject products, Velsicol proposes revisions to each label as directed in the notification to EPN registrants dated September 23, 1983. In addition to the various required statements determined by the type of formulation or the recommended uses, we propose updated storage and disposal statements for all these labels at this time.

Enclosed for your review are five copies of each proposed label. Because these are draft labels, the protective clothing requirements do not appear in bold type.

The product names listed are attached to the notification identifying a number of registrants for which amended labels have not been enclosed:

1. The registrants for New Registration are EPN # 12, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.
2. Registrants for the registrants in the other state registrants listed - MI-70001, NY-10001, NY-10002, NY-10003, NY-10004, NY-10005, NY-10006, NY-10007, NY-10008, NY-10009, NY-10010, NY-10011, NY-10012, NY-10013, NY-10014, NY-10015, NY-10016, NY-10017, NY-10018, NY-10019, NY-10020, NY-10021, NY-10022, NY-10023, NY-10024, NY-10025, NY-10026, NY-10027, NY-10028, NY-10029, NY-10030, NY-10031, NY-10032, NY-10033, NY-10034, NY-10035, NY-10036, NY-10037, NY-10038, NY-10039, NY-10040, NY-10041, NY-10042, NY-10043, NY-10044, NY-10045, NY-10046, NY-10047, NY-10048, NY-10049, NY-10050.



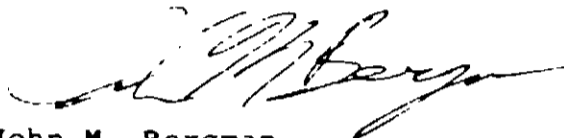
October 13, 1983  
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(3) Velsicol is also no longer the registrant of a number of federal registrations which have been transferred to other registrants. These are: Barricade EC Nos. 3 - 20 (former EPA Reg. Nos. 876-409 to 426).

Incidentally the product search listing does not show EPN EC No.2 (876-358) which we believe is still registered to us.

If you have any questions, please call me at (312) 670-4886.

Sincerely,  
VELSICOL CHEMICAL CORPORATION



John M. Bergman  
Regulatory Coordinator  
Regulatory Affairs

r,  
Enc.

cc: Mr. Messer, Chemid  
At: SG/FR  
file: each subject product