

(A)

#### 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

##### Metal

Triple rinse (or equivalent) and 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.

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#### 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 crucial 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: (i) 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; (ii) arising from handling or storage in violation of label instructions; (iii) for all indirect, special or consequential damages; (iv) when not reported to this Company within one year of discovery; and (v) 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.

DEC 1 1983

Mr. John M. Bergman  
Velsicol Chemical Corporation  
341 E. Ohio Street  
Chicago, IL 60611

Dear Mr. Bergman:

Subject: Velsicol EM Emulsifiable Insecticide No. 23  
EPA Registration No. 676-379  
Your Application Dated October 13, 1983

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

Sincerely yours,

Jay S. Ellenberger  
Product Manager (12)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767)

Enclosure

PD:JSELLENBERGER:DCR-20441:WAG-1272C:CBP:kaven:419-2013:11/25/83

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

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**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 CERTIFICATION.

**STOP! READ THE LABEL**

**VELSICOL**

**EPN**

**EMULSIFIABLE INSECTICIDE No. 23**

Keep out of reach  
of children  
**DANGER**



**CAN KILL YOU**

**POISON**

See side panels  
for precautionary  
and first aid statements

Contains:

**5 lbs. E.P.N. per gallon**

**ACTIVE INGREDIENTS:**

*O-Ethyl O-p-nitrophenyl phenylphosphonothioate .....	56.00%
Xylene Range Aromatic Solvent .....	31.73%
INERT INGREDIENTS .....	12.27%
<b>TOTAL .....</b>	<b>100.00%</b>

EPA REG NO 876-379  
EPA EST No

**NOT FOR HOME USE**

**NET CONTENTS:**

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**VELSICOL CHEMICAL CORPORATION**  
341 East Ohio Street, Chicago, Illinois 60611

ACCEPTED  
with comments  
In 11/15/1971

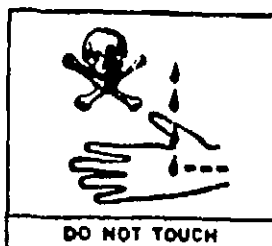
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**DANGER-POISON-PRECAUTIONS**



**CAN KILL YOU IF SWALLOWED**  
This product can kill you if swallowed even in small amounts. Spray mist or dust may be fatal if swallowed.



**CAN KILL YOU BY SKIN CONTACT**

This product can kill you if touched by hands or spilled or splashed on skin, in eyes or on clothing (liquid goes through clothes).



**CAN KILL YOU IF BREATHED**  
This product can kill you if vapors, spray mist or dust are breathed.

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

**DANGER**



**POISON**

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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 coveralls 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 all unprotected persons and children away from treated area or where there is danger of drift. For aerial application, flagging must be by fully automated mechanical means, or, if by humans, by persons working in totally 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. After first aid is given (see Statement of Practical Treatment), 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.

**POISON SIGNS (Symptoms)**

EPN is a very dangerous poison. It rapidly enters the body on contact with all skin surfaces and eyes. Clothing wet with this material must be removed immediately. Exposed persons must receive prompt medical treatment or they may die.

Some of the signs and symptoms of poisoning are: Headache, nausea, vomiting, cramps, weakness, blurred vision, pinpoint pupils, tightness in chest, labored breathing, nervousness, sweating, watering of eyes, drooling or frothing of mouth and nose, muscle spasms and coma.

**STATEMENT OF PRACTICAL TREATMENT**

Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to EPN and describe his condition.

**IF BREATHING HAS STOPPED,** start artificial respiration immediately and maintain until doctor sees victim.

**IF SWALLOWED,** drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger or blunt object. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.

**IF ON SKIN,** immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention.

**IF IN EYES,** immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

**NOTE TO PHYSICIAN: TREAT SYMPTOMATICALLY**

Antidote — administer atropine sulfate in large doses. TWO to FOUR mg. intravenously or intramuscularly as soon as cyanosis is overcome. Repeat at 5 to 10 minute intervals until signs of atropinization appear. 2 PAM chloride is also antidotal and may be administered in conjunction with atropine. DO NOT GIVE MORPHINE OR TRANQUILIZERS. EPN is a strong cholinesterase inhibitor affecting the central and peripheral nervous systems and producing cardiac and respiratory depression. At first sign of pulmonary edema, the patient should be given supplemental oxygen and treated symptomatically. Continued absorption of the poison may occur and fatal relapses have been reported after initial improvement. VERY CLOSE SUPERVISION OF THE PATIENT IS INDICATED FOR AT LEAST 48 HOURS.

### 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.

### PHYSICAL OR CHEMICAL HAZARDS

DO NOT USE, POUR, SPILL, 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.

#### 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 blooming cotton if bees are visiting the treatment area.

Application can be made by aircraft or ground power equipment by trained personnel only using approved protective equipment. Do not apply with hand equipment. Pour selected amount of this product into nearly filled spray tank. Add balance of water to fill tank. Keep agitator running during filling and spraying operations. Do not combine with wettable powders unless previous use of the mixture has proven physically compatible and safe to plants. Always thoroughly emulsify this product with at least half of total water before adding wettable powder. Do not hand pick or harvest within 3 days of application. Do not feed treated forage or grain trash to livestock.

#### AIRCRAFT AND GROUND EQUIPMENT WATER RATES PER ACRE

If applied by aircraft, the minimum amount of water per acre should be approximately 1 to 10 gallons, consistent with crop growth and good coverage. If applied with ground equipment, this rate should be approximately 5 to 10 gallons per acre.

### FOR USE ON COTTON

INSECTS	PINTS PER ACRE
Thrips, yellow-striped armyworm, cotton leafworm	4-5
Cotton fleahopper, red spider mites	1-1 1/2
Boll weevil	1 1/2
Bollworm, tobacco budworm, pine bollworm	1 1/2

### TANK MIXTURES

This product may be tank mixed with Galecron 4E\* or Funda 4EC\*. When using these products in a tank mix, observe all limitations and precautions which appear on the labels. Use the rate recommendations and application timings for the insect pest that is to be controlled as stated on these labels.

\* Galecron 4E is a trademark of the Ciba Geigy Corp.

\* Funda 4EC is a trademark of Schering A. E. Benelbergkamen and distributed by NOR AM Agricultural Products, Inc.

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