

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

WARNING

May be fatal if swallowed! Do not breathe vapor or spray mist. Do not get on skin. In case of contact, wash immediately with soap and water. Do not contaminate feed or foodstuffs. Keep out of reach of children.

A committee of the National Academy of Sciences has stated that:

"There are no adequate data to show that these compounds are carcinogenic in humans, but because of their carcinogenicity in certain mouse strains and the extensive similarity of the carcinogenic action of chemicals in animals and in humans, the committee concluded that chlordane, heptachlor, and/or their metabolites may be carcinogenic in humans."

STATEMENT OF PRACTICAL TREATMENT

If swallowed—Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Call a physician immediately. Do not induce vomiting or give anything by mouth to an unconscious person.

If inhaled—Remove victim to fresh air. Apply respiration if indicated.

If on skin—Remove contaminated clothing and wash affected areas with soap and water.

If in eyes—Flush eyes for at least 15 minutes with water. Call a physician if irritation persists.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Keep out of any body of water. Apply this product only as specified on this label.

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. This product may not be used against any pests not named on the label.

Seeds Should Be Cleaned and Well Cured Before Treatment

| SEED | INSECT | AMOUNT HEPTACHLOR SEC (oz./100 lb. seed) |
|---------|--------------------------------------------------------------|---------------------------------------------|
| Sorghum | False wireworm, Kafir ant, Seed corn maggot, wireworms | 3-4 1/2 oz. |

02181-50*

(Continued on the right panel)

© 1970, CHEMICAL CORPORATION 187*

IMPORTANT

Seed commercially treated with this product must be labeled in accord with all applicable requirements of the Federal Seed Act.

The following warnings and limitations apply to the use of Heptachlor treated seed. Heptachlor treated seed must carry these warnings and limitations on labeling or on literature accompanying it:

Heptachlor treated seeds may be hazardous to birds and other wildlife. Cover exposed seeds, such as at row ends and turn areas, by discing or other appropriate means. Clean up spilled seeds. Dispose of spilled or excess treated seeds by burial away from bodies of water.

Before using Heptachlor treated seed in Idaho, Oregon or Washington, contact the State's Department of Agriculture regarding appropriate regulations for the transportation of treated seed and/or planting of treated seed on irrigated land.

Heptachlor treated seed must not be used for or mixed with food or animal feed or processed for oil.

Do not use Heptachlor treated small grain crops for forage.

Do not use straw, from Heptachlor treated small grain or sorghum crops, for feed or bedding.

STORAGE AND DISPOSAL

Prohibitions

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited.

Storage

Store this product at temperatures above 50°F.

Pesticide Disposal

Pesticide, spray mixture or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.

Container Disposal

For less than 30 gallons, triple rinse, and offer for recycling, reconditioning, or disposal in approved landfill, or bury in a safe place. For 30 gallons or larger, reuse container and offer for reconditioning OR triple rinse and offer for recycling, reconditioning or disposal in an approved landfill, or bury in a safe place.

General

Consult federal, state or local disposal authorities for approved alternatives.

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 (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.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

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OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

OCT 12 1982

Velsicol Chemical Corp.
341 East Ohio St.
Chicago, IL 60611

Attn: Mr. M. Olav Messerschmidt

Dear Mr. Messerschmidt:

Subject: Amended Labeling Deleting Phase-Out Uses
Technical Heptachlor/Manufacturing/Seed Treatment
EPA Reg. No: 876-283
Heptachlor 40 Dust Base
EPA Reg. No: 876-320
Heptachlor 2 EC
EPA Reg. No: 876-271
Heptachlor 3 EC
EPA Reg. No: 876-267
Your Letters: August 5 & August 31, 1982

The labeling referred to above, deleting the phase-out uses (seed treatment for barley, oats, wheat, rye and corn) are acceptable, subject to the following comments, and stamped copies are enclosed for your records.

Prior to releasing the subject products for shipment, please submit five copies of finished labeling for the 2 EC and 3 EC products deleting "SMALL GRAINS, CORN AND" from the front panel (under the product name and logo).

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

Sincerely yours,

George I. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (TS-767C)

FOR USE BY COMMERCIAL SEED TREATMENT COMPANIES ONLY

VELSICOL[®]

HEPTACHLOR 3EC

AGRICULTURAL INSECTICIDE

FOR SEED TREATMENT OF SMALL
GRAINS, CORN AND SORGHUM

**KEEP OUT OF THE
REACH OF CHILDREN**

WARNING

See side panels for
additional precautionary statements
and STATEMENT OF PRACTICAL
TREATMENT.

| | |
|-------------------------------|-------------|
| ACTIVE INGREDIENTS: | |
| Heptachlor* | 32.1% |
| Related Compounds | 12.5% |
| Xylene Range Aromatic Solvent | 50.4% |
| INERT INGREDIENTS | 5.0% |
| TOTAL | 100.0% |

*Heptachlorotetrahydro-4,7-methanodione
CONTAINS 3 LBS. ACTUAL HEPTACHLOR PER GALLON

NET CONTENTS: 5 Gallons

E.P.A. Reg. No. 876-267-AA
E.P.A. Est. No. 876—TN—1

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

ACCEPTED
with COMMENTS
in EPA Letter Dated:

OCT 12 1982

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

PROPOSED LABEL

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

WARNING

May be fatal if swallowed! Do not breathe vapor or spray mist. Do not get on skin. In case of contact, wash immediately with soap and water. Do not contaminate feed or foodstuffs. Keep out of reach of children.

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"There are no adequate data to show that these compounds are carcinogenic in humans, but because of their carcinogenicity in certain mouse strains and the extensive similarity of the carcinogenic action of chemicals in animals and in humans, the committee concluded that chlordane, heptachlor, and/or their metabolites may be carcinogenic in humans."

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If inhaled—Remove victim to fresh air. Apply respiration if indicated.

If on skin—Remove contaminated clothing and wash affected areas with soap and water.

If in eyes—Flush eyes for at least 15 minutes with water. Call a physician if irritation persists.

ENVIRONMENTAL HAZARDS

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PHYSICAL OR CHEMICAL HAZARDS

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DIRECTIONS FOR USE

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Seeds Should Be Cleaned and Well Cured Before Treatment

| SEED | INSECT | AMOUNT HEPTACHLOR 3EC (oz./100 lb. seed) |
|---------|--------------------------------------------------------------|---------------------------------------------|
| Sorghum | False wireworm, Kafir ant. Seed corn maggot, wireworms | 3-4½ oz. |

02191-502

(Continued on the right panel)

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460



Handwritten notes and a box containing the number '3'.

OFFICE OF PESTICIDES AND TOXIC SUBSTANCES

OCT 12 1982

Velsicol Chemical Corp.
341 East Ohio St.
Chicago, IL 60611

Attn: Mr. M. Olav Messerschmidt

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Subject: Amended Labeling Deleting Phase-Out Uses
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Sincerely yours,

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (TS-7670)

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Heptachlor treated seed must not be used for or mixed with food or animal feed or processed for oil.

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Do not use straw, from Heptachlor treated small grain or sorghum crops, for feed or bedding.

STORAGE AND DISPOSAL

Prohibitions

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited.

Storage

Store this product at temperatures above 50°F.

Pesticide Disposal

Pesticide, spray mixture or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.

Container Disposal

For less than 30 gallons, triple rinse, and offer for recycling, reconditioning, or disposal in approved landfill, or bury in a safe place. For 30 gallons or larger, reseal container and offer for reconditioning OR triple rinse and offer for recycling, reconditioning or disposal in an approved landfill, or bury in a safe place.

General

Consult federal, state or local disposal authorities for approved alternatives.

LIMITED WARRANTY AND LIABILITY

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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 (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.

FOR USE BY COMMERCIAL SEED TREATMENT COMPANIES ONLY

VELSICOL
HEPTACHLOR 3EC
AGRICULTURAL INSECTICIDE



FOR SEED TREATMENT OF SMALL
GRAINS, CORN AND SORGHUM

**KEEP OUT OF THE
REACH OF CHILDREN**

WARNING

See side panels for
additional precautionary statements
and STATEMENT OF PRACTICAL
TREATMENT.

E.P.A. Reg. No. 876-267-AA
E.P.A. Est. No. 876-TN-1

| | |
|-------------------------------|---------------|
| ACTIVE INGREDIENTS: | |
| Heptachlor* | 32.1% |
| Related Compounds | 12.5% |
| Xylene Range Aromatic Solvent | 50.4% |
| INERT INGREDIENTS | 5.0% |
| TOTAL | 100.0% |

*Heptachlorotetrahydro-4,7-methanonene
CONTAINS 3 LBS. ACTUAL HEPTACHLOR PER GALLON

NET CONTENTS: 5 Gallons

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

ACCEPTED
with COMMENTS
in EPA Letter Dated:

OCT 12 1982

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
876-267

**PROPOSED
LABEL**