

239-2317



# ORTHO

## ORTHOCIDE® Methoxychlor Seed Protectant

### (INSECTICIDE-FUNGICIDE)

DOES NOT CONTAIN BINDER

#### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

##### DANGER

Causes irreversible eye damage. Harmful if swallowed or inhaled. May cause allergic skin reactions. Do not get in eyes. Wear goggles or face shield when handling. Avoid contact with skin and clothing. Avoid inhalation of dust. Remove and separately launder clothing before reuse.

##### STATEMENT OF PRACTICAL TREATMENT

If swallowed, contact physician, Poison Control Center, or emergency clinic before inducing vomiting. Give water or milk to drink and induce vomiting by touching back of throat with finger, or by administering syrup of ipecac. Do not induce vomiting or give anything by mouth to an unconscious person. If medical advice cannot be obtained, take person and a copy of the label or technical bulletin to the nearest emergency treatment facility. In case of eye contact, immediately flush eyes with plenty of clear water and get medical attention. For skin contact, wash skin with plenty of soap and water. If inhaled, remove person from exposure area. Note to Physicians: Emergency Information - call (415) 233-3737.

##### ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not contaminate water by cleaning of equipment or disposal of wastes. In the event that treated seeds are spilled and cannot be salvaged, completely cover them with soil.

##### DIRECTIONS FOR USE

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

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

Mixers/loaders when mixing and loading this product must wear a long sleeved shirt and long pants or a coverall that covers all parts of the body except the head, hands and feet. Wear chemical resistant gloves, goggles or a face shield and a chemically resistant apron.

Fieldworkers and harvesters must wear chemical resistant gloves if entering treated areas within 4 days following application. Leather or fabric gloves are not acceptable.

A dust mask must be worn when mixing and loading this product. AFTER WORK: Take off all clothes and shoes. Shower using soap and water. Do not wear contaminated clothing. Wash protective clothing and equipment with soap and water after each use. Personal clothing worn during use must be laundered separately from household articles. Clothing and protective equipment heavily contaminated or drenched with captan must be destroyed according to state and local regulations.

ORTHOCIDE Methoxychlor Seed Protectant is a special formulation containing ORTHOCIDE (Captan) and Methoxychlor for seed treatment application. It is used in preventing seed rot and damp off diseases on germinating seeds and seedlings and smut on onion and hulled sorghum seeds. It also reduces losses from Cadelle, Rice Weevil, Confused Flour Beetle, Angoumois Grain Moth and Indian Meal Moth during preplanting storage of clean seed.

SLURRY TREATMENT: When used in slurry treaters, do not allow mixtures to stand overnight.

GLADIOLUS CORNS: For Prevention of Bulb Rot—Use 1½ oz. in 1 gal. water (1 lb. to 10 gals.). Soak bulbs in mixture 20 to 30 minutes.

ONION SEED PELLETTING: Use 1 lb. ORTHOCIDE Methoxychlor Seed Protectant per 1 lb. of seed.

Active Ingredients	By Wt.
*Captan .....	70.9%
Related Derivatives .....	1.6%
**Methoxychlor, Technical .....	5.0%
Inert Ingredients .....	22.5%
*N-Trichloromethyl thio-4-cyclohexene-1,2-dicarboximide.	
**Equivalent to 4.4% 2,2-bis(p-methoxyphenyl)-1,1,1-trichloroethane and 0.6% of other isomers and related compounds.	

This product contains the toxic inert ingredient Malachite Green

KEEP OUT OF REACH OF CHILDREN  
**DANGER**  
SEE SIDE PANEL FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS

Chevron Chemical Company © 1988  
Ortho Agricultural Chemicals Division  
San Francisco CA 94120-7144  
Product 5027 Made in U.S.A.  
Form 11001-B  
EPA Reg. No. 239-2317

NET WEIGHT

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**ACCEPTED**

**FEB 10 1989**

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. **239-2317**

THE FOLLOWING TABLE gives amounts of ORTHOCIDE Methoxychlor Seed Protectant to use on various seeds. Do not use on baby lima beans.

SEED	Dosage Rate	Lbs. Seed Treated/Lb. of Product
CORN—Field	1 1/4 oz/100 lbs. 2/3 oz/bu.	1280
CORN—Sweet	2 3/4 oz/100 lbs. 1 1/2 oz/bu.	600
WHEAT	1 1/4 oz/100 lbs. 2/3 oz/bu.	1280
RYE	1 3/4 oz/100 lbs.	910
OATS	2 oz/100 lbs. 3/4 oz/bu.	800
BARLEY	1 1/2 oz/100 lbs. 2/3 oz/bu.	1070
FLAX	2 1/2 oz/100 lbs. 1 1/3 oz/bu.	640
BEANS (Except Baby Limas), PEAS	1 3/4 oz/100 lbs. 1 oz/bu.	910
CUCUMBERS CANTALOUPE	2 oz/100 lbs.	800
SQUASH, PUMPKIN WATERMELON	1 1/2 oz/100 lbs.	1200
BEETS SWISS CHARD	8 oz/100 lbs.	200
SUGAR BEETS	8 oz/100 lbs.	200
CLOVER ALFALFA	5 1/2 oz/100 lbs. 3 1/2 oz/bu.	290
SOYBEANS	1 3/4 oz/100 lbs. 1 oz/bu.	960
COTTON— Acid Delinted	2 oz/100 lbs.	800
COTTON— Machine Delinted Fuzzy (not delinted)	3 oz/100 lbs.	530
BLUE GRASS	5 1/2 oz/100 lbs.	290
CABBAGE, CAULIFLOWER BROCCOLI BRUSSELS SPROUTS	1 oz/100 lbs.	1600
SPINACH	4 oz/100 lbs.	400
SORGHUM hulled (Kernal Smut)	3 oz/100 lbs.	530
PEPPERS	2 oz/100 lbs.	800
COWPEAS	2 oz/100 lbs. 1 1/4 oz/bu.	800

Do not feed treated seed to animals. Do not use treated seed for human consumption. Seeds treated with ORTHOCIDE Methoxychlor Seed Protectant, sold or shipped as feed or foodstuffs may be considered adulterated under state and federal laws. Treated seed must be labeled as follows: "TREATED SEED. DO NOT USE FOR FOOD, FEED OR OIL."

**STORAGE AND DISPOSAL**

**PROHIBITIONS**

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

**STORAGE**

Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Store in cool, dry place. Protect from excessive heat. For help with any spill, leak, fire or exposure involving this material, call day or night (415) 233-3737.

**PESTICIDE DISPOSAL**

This product is 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**

Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Do not reuse container. 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.

**CONDITIONS OF SALE:** 1. Chevron Chemical Company (Chevron) warrants that this material conforms to the chemical description on the label and is reasonably fit for use as directed hereon. Chevron neither makes, nor authorizes any agent or representative to make any other warranty of FITNESS or of MERCHANTABILITY, guarantee or representation, express or implied, concerning this material. 2. Critical and unforeseeable factors beyond Chevron's control prevent it from eliminating all risks in connection with the use of chemicals. Such risks include, but are not limited to, damage to plants and crops to which the material is applied, lack of complete control and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit for the uses stated hereon and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by Chevron under 1 above) resulting from handling, storage, and use of this material.

**TYPE**

RQ Hazardous substance, solid, N.O.S., NA 9188, (Captan; Methoxychlor)

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