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Seller warrants that this product complies with the specifications expressed in this label. SELLER MAKES NO OTHER WARRANTIES AND DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR THE INTENDED PURPOSE. Seller's liability for default, breach, or failure under this label shall be limited to the amount of the purchase price. Seller shall have no liability for consequential damages.

STORAGE AND DISPOSAL

PROMISIONS: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

STORAGE: Store upright in a cool well ventilated place away from dwellings. Do not remove cylinder safety caps until product is to be used.

DISPOSAL: Close valve by turning clockwise until hand tight. Disconnect lines and replace safety caps and bonnet. Return empty cylinders freight collect to the Great Lakes Chemical Corporation, location from which shipment was made. Return partial cylinders only after consulting Great Lakes Chemical Corporation for proper shipping instructions.

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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.

CHLOR-O-PIC[®]

ACTIVE INGREDIENTS

Chloropicrin

By Wt

96.5%

INERT INGREDIENTS

3.5%

Total 100.0%

Statement of Practical Treatment

IF INHALED Remove victim to fresh air immediately. Keep victim lying down and warm. Give artificial respiration if breathing has stopped.

SKIN CONTACT Remove contaminated clothes and shoes immediately. Wash exposed areas thoroughly with soap and water. For skin irritation use boracic lotion or skin ointment. If a rash or blisters develop, seek medical attention. Clean or launder contaminated clothes before reuse. Do not reuse clothing or shoes until completely free of chemical odor.

EYE CONTACT Immediately flush eyes thoroughly with water for at least 15 minutes. Seek medical attention promptly.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO. 5785-17-AA

NET WT

LOT NO



WEST LAFAYETTE, INDIANA 47906

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER

Poisonous liquid and vapor. Vapors may be fatal if swallowed, inhaled, or absorbed through the skin. Do not breathe vapor. Avoid contact with eyes, skin, or clothing. Corrosive, causes eye and skin damage. Wear goggles or face shield, protective clothing and rubber gloves when handling. Handle Chlor O-Pic outdoors when transferring to other containers. When applying, transferring, or entering an atmosphere of Chlor O-Pic, use a full-faced gas mask with YELLOW canister approved by NIOSH/MSHA designed for organic vapors. Air or oxygen supplied masks equipped with full-face pieces must be worn for protection (a) in an oxygen deficient atmosphere (less than 19.5% by volume), (b) when the vapor concentration is above 2% or (c) when the exposure period is expected to be in excess of the safe time interval established by the canister manufacturer. Ventilate thoroughly before reentering a treated area.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and wildlife. Keep out of lakes, streams, or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes. Open dumping is prohibited. Do not allow Chlor O-Pic or its vapors to come into contact with any desirable living plants. Avoid spilling, dripping or otherwise contacting Chlor O-Pic with crops in adjacent fields as plant injury may result. Do not apply Chlor O-Pic when there is little or no air movement or during air inversion conditions.

PHYSICAL OR CHEMICAL HAZARDS

Chlor-O Pic may be corrosive under certain conditions. DO NOT USE WATER to clean equipment. Flush equipment with kerosene or fuel oil. Do not use handling equipment or containers made from magnesium alloy, aluminum, or alkali metals. Chlor-O Pic is a non-flammable liquid.

DIRECTIONS FOR USE

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

SOIL FUMIGATION

Chlor-O-Pic may be used as a preplant soil fumigant for the control of soil-borne diseases such as *Verticillium*, *Fusarium*, *Rhizoctonia* and *Pythium*. Control of soil-borne grubs, wireworms, nematodes, weed and grass seeds may also be obtained.

Chlor O-Pic Dosage Rates and Method of Application

Crop	Manner of Sealing	Dosage
All crops (including greenhouse nursery, and outside beds)	Cultipacking or water seal	485-1076 lbs/A
	Plastic A	150-200 lbs/A
Greenhouse beds	Plastic A	3-4 cc/sq. ft.
Mushroom casing soil	Water plus plastic or wet newspapers	5-10 cc/cu. ft.
Potting soil	Water or plastic A	3-4 cc/sq. ft.
Seedbeds (Celery (Florida))	Water or plastic A	1021 lbs/A or 6 cc/sq. ft.
Seedbeds (Other)	Water or plastic A	3-4 cc/sq. ft.
Seed flats	Plastic A	2-4 cc/sq. ft. or 10 cc/cu. ft.

A. Best results are obtained by covering beds with a tarpaulin or plastic cover for 24 hours after treatment. A water seal maintained for 24 hours in top inch of soil may also be used. Keep tarpaulin on potting soil and seed flats for 24 hours.

APPLICATION INFORMATION: For best results with Chlor O-Pic, soil should be tilled to a fine, loose condition with the soil temperature at the depth of application preferably between 50°F and 85°F. Soil should contain adequate moisture to support good seed germination. Chisel or plow sole applications should be in uniform streams 10 to 12 inches apart and 6 to 8 inches below the soil surface. When the plow sole method is used, disc well and then insure the seal by rolling or cultipacking. With chisel application, a roller, cultipacker or float can follow the chisel bar or these can be pulled by another closely following tractor.

The soil should not be disturbed for 14 days following treatment. At the end of the exposure period allow the soil to aerate completely. Heavy rains may retard diffusion of the fumigant, thus requiring a longer exposure period. Should these conditions occur, hasten aeration by working the soil to the depth of the treatment zone. Avoid reinfestation of treated soil from contaminated tools, equipment, transplants, manures or composts.

Fumigation of small volumes of soil for seed flats, potting soil, or mushroom casing soil may be made by injecting the proper volume of Chlor O-Pic 6 to 8 inches deep in a grid pattern not to exceed 12 inch spacing. Keep tarpaulin on fumigated soil for 24 hours.

WARNING SIGNS: All grain elevator, warehouse, vault, and other structural fumigation with Chlor-O-Pic must be posted with warning signs. Post all entrances with signs containing the signal word **DANGER**, the skull and crossbones, the words "Area under fumigation," do not enter until completely aerated, the date of fumigation, name of fumigant used, emergency telephone number for contact, and the name and address of the fumigator. Do not remove the warning signs until the fumigated area is completely aerated and safe for entry as indicated by a suitable detector.

COMMODITY FUMIGATION: Chlor-O-Pic may be used for fumigation of certain raw agricultural commodities for control of rice weevil, confused flour beetle, cadelle, lesser grain borer, saw-toothed grain beetle, flour moth, and grain moth.

DOSEAGE RATES: Per 1000 bushels of clean, dry grain in tight steel or concrete bins, use 2.5 pounds for wheat, barley, rice, and buckwheat; 3 pounds for corn; 3 pounds for oats; and 4 pounds for grain sorghum (milho). Dosage should be increased by 1 pound per 1000 bushels for grain stored in wooden bins.

APPLICATION INFORMATION: To avoid loss of fumigant, storage bins and headspace should be sealed airtight. Introduce Chlor-O-Pic directly into the grain stream when grain is turned or as storage bins are filled. If grain can not be turned, Chlor-O-Pic should be applied uniformly through the grain mass by use of probes. Use one probe for each 15 to 20 square feet of surface area. Probes should be inserted at least 4 feet below the surface of the grain. Application of Chlor-O-Pic should be made to within 4 feet from the bottom of the bin. Grain near the surface of the bin should be treated by applying Chlor-O-Pic to burlap bags spread flat on the grain surface. Bins should remain sealed for at least 72 hours. Fumigated grain should be thoroughly aerated before use.

SPACE FUMIGATION (Not containing raw agricultural commodities): For control of mites, cockroaches, silverfish, and fungi, use 1 pound of Chlor-O-Pic per 1000 cubic feet. Increase dosage 1 1/2 to 1 3/4 pounds per 1000 cubic feet when absorbent materials are present. Use 0.35 pounds to 0.70 pounds per 1000 cubic feet in empty potato houses.

APPLICATION INFORMATION: Prior to application, all windows, doors, and other openings should be sealed to make the building gas tight. Temperature at time of application should be 60 F. or higher. The air in potato houses should be saturated with moisture at a temperature of 70 F. Introduce Chlor-O-Pic into a shallow pan or onto burlap sacks or similar absorbent material located inside the structure. Use fans to hasten evaporation of Chlor-O-Pic and to keep fumigant in circulation. Ventilate area thoroughly for 12 to 24 hours before re-suming operations. Fans, dryness, and high temperatures speed aeration.

Vault Fumigation: For the control of fleas, mites, silverfish, cockroaches, and moths in furniture and clothing, use 1 to 2 pounds of Chlor-O-Pic. In heavily loaded vaults, increase dosage rates by an additional 1 pound per 1000 cubic feet. For sacked grain, use 1 1/2 pounds per 1000 cubic feet of space.

APPLICATION INFORMATION: Introduce the desired amount of Chlor-O-Pic into a shallow pan or onto burlap sacks or similar absorbent material located inside the structure or vault. Use fans to hasten evaporation of Chlor-O-Pic and to keep fumigant in circulation. Exposure time is 24 hours. Ventilate by opening doors and using fans for 12 to 24 hours prior to reentry.

RAT AND MOUSE CONTROL: For the control of rats and mice in warehouses, seed corn drivers, seed storage buildings and grain mills, use 1 1/2 to 2 pounds per 1000 square feet for mice and 2 to 2 1/2 pounds per 1000 square feet for rats. Increase dosage by 1/2 to 1 pound per 1000 square feet if the structure is loosely constructed, entirely filled, or stacked solid with sacked commodities.

APPLICATION INFORMATION: Seal any cracks or openings which might allow fumigant to escape or allow rodents to enter or leave the building. Warm space as much as possible. If furnace or dryer is used, shut down fire prior to application. Introduce the desired amount of Chlor-O-Pic into a shallow pan or onto burlap sacks or similar absorbent material located inside the structure. Circulate with fans by directing air streams over the pan or absorbent material to hasten evaporation. Exposure time is 12 to 24 hours.

WARNING AGENT: Chlor-O-Pic may be used for clearing structures prior to fumigating with methyl bromide or sulfuryl fluoride. Prepare structure for fumigation and seal all except one entrance. Use 1 ounce per 10,000 cubic feet of space to be fumigated. When building is evacuated, seal the last entrance and start the fans. Check seals for tightness. Five to ten minutes later, introduce methyl bromide or sulfuryl fluoride.