

Chloropicrin 100 is used for fumigation of warehouses, vaults, empty mills, flat and upright grain storage buildings.

Chloropicrin 100 can be used for grain and space fumigation but is not approved for use when processed food or feed is present.

It controls insects like rice weevil, granary weevil, confused flour beetle, cadelle, lesser grain borer, sawtoothed grain beetle, flour moth, and grain moths. It also controls some mold causing fungi.

Chloropicrin 100 is used for soil fumigation in greenhouses, nurseries, and outside seed beds to control damping off, white foot rot, soil insects, nematodes, and weed seeds. Chloropicrin 100 when used as a grain treatment is exempt from tolerance under the Food Act. No dangerous residues will be left after aeration of grain or soil.

When exposed to chloropicrin 100 vapors, use full face gas mask with canister designed for acid gases and organic vapors.

Do not breathe available planting seed. Always aerate thoroughly after exposure period. Do not direct spray toward open flame.

Chloropicrin 100 is toxic to animals and plants. Remove animals and plants from any exposure to vapors. Do not fumigate such material as water, fruit, fresh vegetables, fresh meat, yeast, eggs, butter or cheese. Chloropicrin 100 may also be used on some metals. Avoid contact with eyes, nose, mouth, and skin.

CAUTION: Chloropicrin 100 is a highly toxic chemical. It is a strong irritant to the eyes, nose, mouth, and skin. It is also a powerful respiratory irritant. It is highly flammable and can form explosive mixtures with air. It is also a powerful oxidizing agent. It is highly corrosive to metals and other materials. It is also a powerful environmental pollutant. It is highly persistent in the environment and can be transported long distances by wind and water. It is highly toxic to aquatic life and other wildlife. It is also highly toxic to humans. It is highly persistent in the human body and can cause long-term health effects. It is highly persistent in the environment and can be transported long distances by wind and water. It is highly toxic to aquatic life and other wildlife. It is also highly toxic to humans. It is highly persistent in the human body and can cause long-term health effects.

CHLOROPICRIN 100

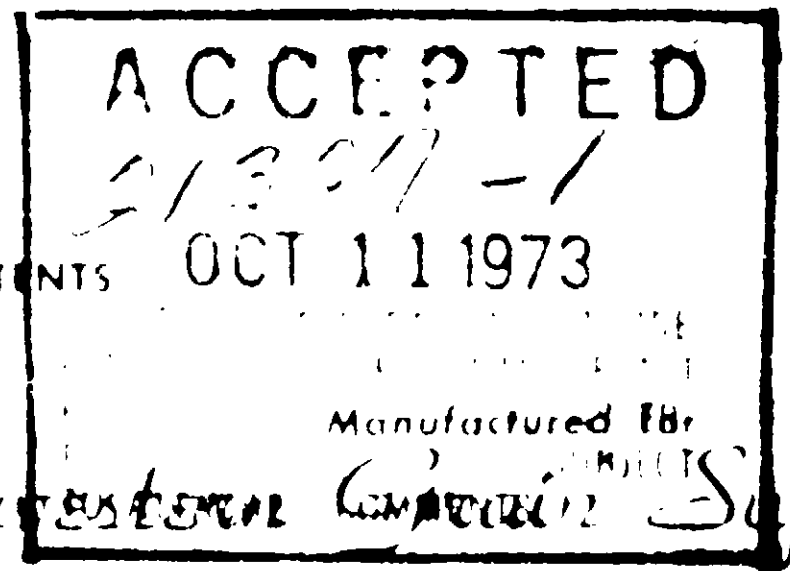
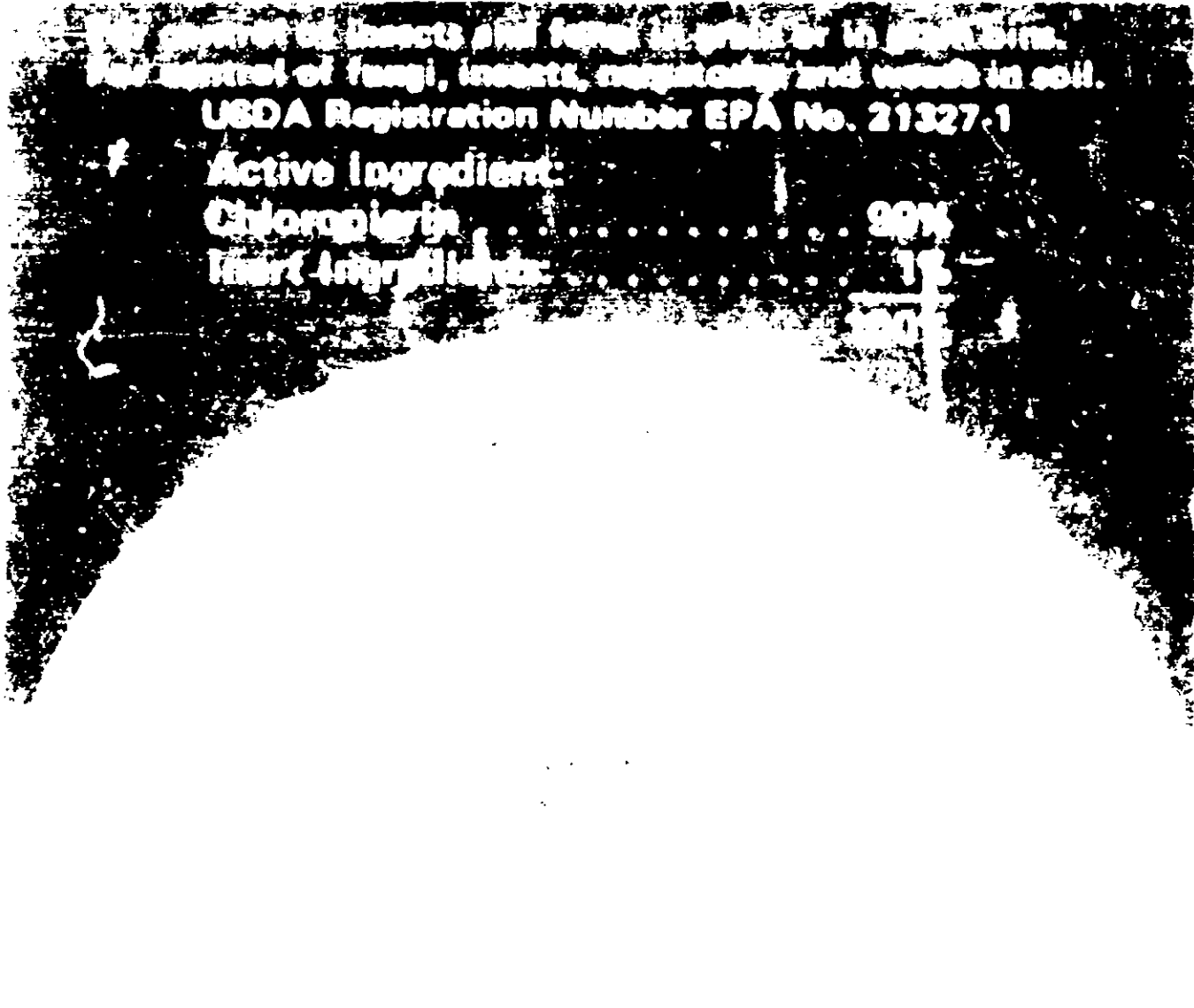
SOWECO BRAND

SPACE, GRAIN, and SOIL FUMIGANT

For control of insects and fungi in grain and soil. For control of fungi, insects, nematodes and weeds in soil.

USDA Registration Number EPA No. 21327-1

Active Ingredient:
Chloropicrin 90%
Inert Ingredients 10%



Southern Chemical Supply
and Chemical Co.

100 WEST 100th ST. ...

SPACE FUMIGATION IN EMPTY MILLS, WAREHOUSES, EMPTY STORAGE BUILDINGS, VAULTS
Remove any processed food or feed, such as flour, mixed feed or processed food products.

Seal all openings as carefully as possible using tape and polyethylene sheets or other convenient means. Distribute empty burlap sacks on the floor and sprinkle Chloropicrin 100 over them. Use gas mask.

Dosage in:
Warehouses, empty bins, flat 1000 cubic feet
Vaults with sacked grain 10 lbs / 1000 cubic feet

Exposure Period: 12-24 hours. Aerate thoroughly until all discomforting vapors are removed.

GRAIN TREATMENT: Treat when turning grain for loading new bins. Apply Chloropicrin 100 in the grain stream as close as possible to top of bin using one shot for each foot or less of grain depth. Determine interval between shots from the rate of grain flow.

Dosages for clean, dry grain:
Wheat, barley 2 1/2 lbs / 1000 bu.
Oats 3 lbs / 1000 bu.
Corn 3 1/2 lbs / 1000 bu.
Sorghum, milo 4 1/2 lbs / 1000 bu.

Seal treated bin. Exposure period at least 12 hours. Avoid fumigation if grain moisture is high or grain temperature is below 60°F, or if there is excessive dockage.

Aerate Thoroughly Before Unloading Bins
SOIL FUMIGATION: All types of equipment, from hand sprayers to tractor drawn machines are used for the application of Chloropicrin 100 depending upon the size of the area treated. Effectiveness of treatment requires warm soil. Treat at temperatures above 60°F for best control of weed seeds. Soil must be moist for at least four days prior to fumigation.

Dosage: Normal dosage is 3 cc per injection on 10" center in light soil, 8" center for heavy soils. Inject 4" - 6" deep or at half bench depth. Use deeper injections in light soils at higher temperatures. Consult State Experiment Station for more detailed recommendations.

For pre-plant soil treatment, use 100 lbs per acre. Apply to soil surface. Make application in early morning or late afternoon. Seal for 48 hours. Also use on soil.

Exposure Period: 4-48 hours for pre-plant use. Seal for 48 hours.

Aeration: Aerate pre-plant treated soil for 14 days before planting. Aerate soil for 14 days before planting. Aerate soil for 14 days before planting.

NON WARRANTY: Chloropicrin 100 is a fumigant. It is not a pesticide. It is not a herbicide. It is not a fungicide. It is not a bactericide. It is not a nematocide. It is not a molluscicide. It is not a rodenticide. It is not a insecticide. It is not a acaricide. It is not a molluscicide. It is not a rodenticide. It is not a insecticide. It is not a acaricide.

SPACE, GRAIN, and SOIL FUMIGANT

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ACCEPTED

and SOIL FUMIGANT

1. Name of the Fumigant: *Hydrocyanic Acid*
 2. Trade Name: *Prussic Acid*
 3. Chemical Name: *Hydrocyanic Acid*
 4. Molecular Weight: *27*
 5. Density: *1.08*
 6. Boiling Point: *26.5°C*
 7. Melting Point: *-21.3°C*
 8. Vapor Pressure: *100 mm Hg at 20°C*
 9. Solubility: *Soluble in water, alcohol, ether, and benzene.*
 10. Exposure Method: *As a fumigant for soil and grain.*
 11. GRAIN TREATMENT: *Not used for grain treatment.*
 12. Disposal: *Not applicable.*



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 U.S. DEPARTMENT OF AGRICULTURE