



# Chloropicrin

## Warning Agent

### For Non-Pesticidal Use Only

For use only with Vikane® specialty gas fumigant. Not for use with any other structural gas fumigant.

**NOTE: Chloropicrin Warning Agent is a highly hazardous material and must be handled only by individuals trained in its proper use. Consult Douglas Products for correct procedures before using.**

Active Ingredient	
Chloropicrin.....	99.5%
Other ingredients.....	0.5%
Total.....	100%

Contains 13.7 pounds of chloropicrin per gallon.

### Keep Out of Reach of Children

**DANGER**  
**PELIGRO**



**POISON**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

**IN ALL CASES OF OVEREXPOSURE, GET MEDICAL ATTENTION IMMEDIATELY BY TRANSPORTING TO AN EMERGENCY TREATMENT FACILITY.**

### PRECAUTIONARY STATEMENTS

#### Hazards to Humans and Domestic Animals

## DANGER

**Causes Severe Burns of Eye or Skin. May be Fatal if Absorbed Through the Skin. Causes Severe Burns of Mouth and Throat if Swallowed. May be Fatal if Inhaled. May Cause Severe Allergic Respiratory Reaction. High Concentration Can Cause Lung Injury.**

**Do not get in eyes, on skin or on clothing. Avoid breathing gas / vapor. Do not take internally. Avoid prolonged or repeated respiratory contact. Use only with adequate ventilation. Wash thoroughly after handling.**

#### Personal Protective Equipment (PPE)

The following Personal Protective Equipment must be worn when handling and dispensing chloropicrin:

- Long-sleeved shirt and long pants.
- Chemical-resistant gloves. Some materials that are chemical-resistant to this product are nitrile and butyl. For more options, follow the instructions for Category F on the chemical-resistance category selection chart.
- Protective eyewear or face shield. Do NOT wear goggles.
- Respiratory Protection: When air concentrations exceed a level of 0.1 ppm, wear NIOSH or MSHA approved positive pressure self-contained breathing apparatus (SCBA, not SCUBA) or combination air-supplied/SCBA respirator such as manufactured by Ranger, Survivair, Scott, or MSA. Persons applying chloropicrin must wear either a positive pressure self-contained breathing apparatus or combination air-supplied/SCBA when applying chloropicrin to more than two chloropicrin introduction points within a single fumigated structure.

The employer of any person applying chloropicrin must make sure that they are provided and correctly wear the required PPE. Follow manufacturer's instructions for cleaning / maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### FIRST AID

**If Inhaled:** Move person to fresh air. Keep warm. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth to mouth if possible. Do not give anything by mouth to an unconscious person. Call a poison control center or doctor for further treatment advice.

**If on Skin or Clothing:** Immediately remove contaminated clothing, shoes, or any other item on skin. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.

**If in Eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing the eye. Call a poison control center or doctor for further treatment advice.

**If Swallowed:** Call a poison control center or doctor for further treatment advice. Have the person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

#### Chemical Hazard

Chloropicrin is severely corrosive of metal containers made of magnesium, aluminum, or their alloys.

### DIRECTIONS FOR USE

#### STORAGE AND HANDLING

**Storage:** Store upright in a cool, dry, well-ventilated area under lock and key. Store only in original container. Do not contaminate water, food or feed by storage or disposal.

**Spill and Leak Procedures:** Evacuate immediate area of spill or leak. Use a self-contained breathing apparatus (SCBA) for entry into affected area to correct the problem. Move the leaking or damaged containers outdoors or to an isolated location, observing strict safety precautions. Work upwind if possible. Allow spilled material to evaporate, or absorb onto vermiculite, dry sand, earth or similar absorbent material. Thoroughly aerate absorbent materials outdoors prior to disposing on site or at an approved disposal facility. Do not permit entry into spill area or cleanup area by unprotected persons until the concentration of chloropicrin is determined to be less than 0.1 ppm.

**Disposal:** Allow empty container to aerate with cap off within the fumigated space during fumigation. The location should be close to a fan and/or Chloropicrin introduction site. Replace cap. Dispose of container, after it has been aerated inside of the fumigated space, in a sanitary landfill or by other approved state and local procedures.

Chloropicrin is a warning agent introduced into the structure prior to fumigation with Vikane® specialty gas fumigant. In order to avoid direct exposure to the fumigant being released, chloropicrin must be released within the structure at least 5 to 10 minutes prior to introduction of the fumigant.

Place a handful of wicking agent (e.g., cotton) in a shallow chloropicrin evaporation container. Do not use containers or application equipment made of magnesium, aluminum or other alloys as chloropicrin may be severely corrosive to such metals. To enhance the distribution of chloropicrin throughout the structure, place the shallow chloropicrin evaporation container in the air stream of a fan. Pour chloropicrin over the wicking agent. When adding chloropicrin to evaporation containers, dispense no more than 3 fluid ounces per container. Use 1 fluid ounce per 10,000 to 15,000 cubic feet (30 mL per 283 to 425 cubic meters) of space to be fumigated or follow dosage rate calculated by the electronic Fumiguide™ system. Use at least one chloropicrin introduction site for each 45,000 cubic feet of space to be fumigated. When applying chloropicrin at multiple chloropicrin introduction points within a structure, start at the point farthest from the exit and work toward the exit.

Removal of all chloropicrin evaporation containers from the fumigated space during the initial phase of aeration after tarp removal will aid in the dissipation of the warning agent from the structure.

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## **TERMS AND CONDITIONS OF USE**

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If terms of the following Conditions of Sale and Limitations of Warranty and Liability are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under the Conditions of Sale and Limitations of Warranty and Liability.

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## **CONDITIONS OF SALE AND LIMITATIONS OF WARRANTY AND LIABILITY**

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