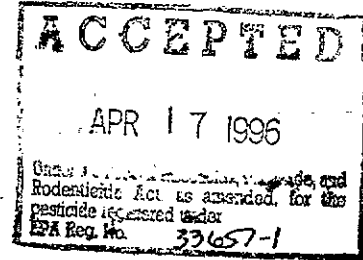


Mitsui Toatsu Chemicals, Inc.  
Technical Chloropicrin label  
February 1994, p.1

CHLOROPICRIN

For use by manufacturers only in formulating  
soil and space fumigants.

ACTIVE INGREDIENT:	BY Wt.
CHLOROPICRIN .....	99.8%
INERT INGREDIENTS .....	0.2%
TOTAL .....	100%



ACUTELY TOXIC CHEMICAL  
13.8 lbs. Active Ingredient per gal. (LIQUID IN CYLINDER)

KEEP OUT OF REACH OF CHILDREN  
DANGER PELIGRO  
POISON

PRECAUTION AL USUARIO: Si usted no lee Ingles, no use este producto hasta que la etiqueta  
le haya sido explicada ampliamente

STATEMENT OF PRACTICAL TREATMENT

In all cases of overexposure, get medical attention immediately. Take person to a doctor or  
emergency treatment facility.

If inhaled: Get exposed person to fresh air. Keep warm. Make sure person can breathe freely.  
If breathing has stopped, give artificial respiration, preferably mouth-to-mouth. Do not give  
anything by mouth to an unconscious person.

If on Skin: Immediately remove all contaminated clothing, shoes, and other items covering skin.  
Wash contaminated skin area thoroughly with soap and water.

If in eyes: Hold eyelids open and flush with a steady, gentle stream of water for at least 15  
minutes.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

EPA REG. NO. 33657-1  
NET WEIGHT

EPA EST NO. Q33657-JF-002

MANUFACTURED BY:  
Mitsui Toatsu Chemicals, Inc.  
Two Grand Central Tower  
140-East 45th Street  
New York, NY 10017

IN CASE OF  
EMERGENCY CONTACT  
Chemtrec  
(800) 424-9300

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND ANIMALS

Poisonous liquid and vapor. Inhalation of vapors may be fatal. Contact with liquid may produce burns. Do not get into eyes, on skin, or clothing. Wash all contaminated clothing with soap and water before re-use. Do not re-use contaminated clothing or shoes until free of chemical odor.

This product is chloropicrin, a volatile-liquid tear gas. Chloropicrin vapor is very irritating to the upper respiratory tract, and even at low levels can cause painful irritation to the nose and throat, and to the eyes, producing tearing. If these symptoms occur, leave the area immediately. Continued exposure after irritation is evident, or higher concentrations, may cause painful irritation to the eyes or temporary blindness, which may cause panic that may in turn lead to further accidents.

**NOTICE TO PHYSICIAN:** Chloropicrin is a volatile liquid that is the active ingredient in tear gas. As a gas it is a powerful lachrymator. Early symptoms of overexposure are lachrymation, respiratory distress and vomiting. Pulmonary edema may develop later. Treatment is symptomatic.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish and wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**PHYSICAL OR CHEMICAL HAZARDS:** Chloropicrin 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. Chloropicrin is a non-flammable liquid.

Mitsui Toatsu Chemicals, Inc.  
Technical Chloropicrin label  
February 1994, p.3

Revised 6/27/94

### DIRECTIONS FOR USE

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

Formulators using this product are responsible for obtaining EPA registrations for their formulated products.

For the manufacture of pesticide formulations for:

- (1) Preplant soil fumigation of terrestrial food crops, ornamentals and nursery beds; for greenhouse preplant soil fumigation of food crops, ornamentals and nursery beds.
- (2) Uses for which USEPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration."

This fumigant is a highly hazardous material and must be used only by individuals trained in its proper use. Before using, read and follow all label precautions and directions.

All persons working with this fumigant must be knowledgeable about the hazards, and trained in the use of required respirator equipment and detector devices, emergency procedures, and proper use of the fumigant.

**PROTECTIVE CLOTHING:** Wear full-body clothing that is cleaned after each wearing or disposable protective clothing. Use gloves and apron that are resistant to chloropicrin. If full-face respiratory protection is not required, wear goggles or full-face shield for eye protection when handling liquid.

**RESPIRATORY PROTECTION:** If the concentrations of chloropicrin in the working area, as measured by a direct-reading detector device (e.g. Draeger, etc.) does not exceed 0.1 ppm (0.7 mg/m), no respiratory protection is required.

If the concentration is exceeded at any time, all persons in the working area must wear protective clothing and a NIOSH/MSHA approved self-contained breathing apparatus (SCBA) or combination air-supplied/SCBA respirator.

### PESTICIDE STORAGE, HANDLING AND DISPOSAL

**PESTICIDE STORAGE:** Store in a dry, cool, ventilated area under lock and key. Post as a pesticide storage area.

**DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE:** Storage cylinders upright, secured to a rack or wall to prevent tipping.

**PESTICIDE HANDLING:**

1. The valve protection bonnet and safety cap should be removed only when fumigant is about to be removed from the cylinder. The safety cap and valve protection bonnet must be replaced when the cylinder is not in use.
2. Never subject cylinders to rough handling or to abnormal mechanical shock such as dropping, bumping, dragging or sliding.
3. Do not use rope slings, hooks, tongs or similar handling devices to unload cylinders.
4. To transport cylinders use a suitable hand truck, fork lift, or similar device to which the cylinder can be firmly secured.

Persons moving or handling containers should wear protective clothing. Open container only in a well-ventilated area wearing protective clothing, and respiratory protection if necessary.

**CONTAINER DISPOSAL:** When cylinder is empty close valve by turning clockwise until hand tight, screw cap onto valve outlet, and replace protection bonnet before returning to shipper. Only the manufacturer is authorized to refill cylinders. Do not use cylinders for any other purpose. Follow manufacturer's instructions for return of empty or partially empty cylinders.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide 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, or follow registrant's instructions for return of partially empty cylinders.

Mitsui Toatsu Chemicals, Inc.  
Technical Chloropicrin label  
February 1994, p.5

**RETURN OF CYLINDERS:**

When the cylinder is empty, the valve should be closed, the bonnet replaced prior to its return to the manufacturer.

1. Cylinders are the property of the manufacturer and should be returned promptly by collect freight to them. For instructions, call Mitsui Toatsu Chemicals Inc. at 212-867-6330.
2. Do not ship cylinders without safety caps or valve protection bonnets.
3. When a cylinder is partially full and there is no further requirement for the product, contact the manufacturer for return instruction. Note: I assume there will not be distributors?
4. Containers should never be refilled by the consumer or used for any other product or purpose.

**SPILL AND LEAK PROCEDURES:** Evacuate immediate area of spill or leak. Use Self-Contained Breathing Apparatus--Positive Pressure (SCBA-PP) or air supplied respirator for entry into affected area to correct problem. Move 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 which may be disposed of on site, or at an approved disposal facility. Do not permit entry into spill area or cleanup by unprotected persons until concentration of Chloropicrin is determined to be less than 0.1 ppm.

**DO NOT SHIP WITH FOOD, FEEDS, DRUGS OR CLOTHING**

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor other warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE express or implied, extends to the use of this product contrary to label instructions or under abnormal conditions.