

MAY 13 1991

R. Handy, Ph.D.
Great Lakes Chemical Corporation
Highway 52 NW.
P.O. Box 2200
West Lafayette, IN 47906

Dear Dr. Handy:

Subject: Chloropicrin
EPA Registration No. 5785-58 (RFH-91-004)
Your Letter Dated January 4, 1991

This is in response to your letter to add two additional suppliers of the active ingredient, chloropicrin, to the revised Confidential Statement of Formula. The following comments apply.

- The alternate sources of supply for the active ingredient, chloropicrin, and the revised Confidential Statement of Formula agree with the label and are acceptable.

If you have any questions about these comments, please call Marianne Clark at (703) 557-3964.

Sincerely yours,



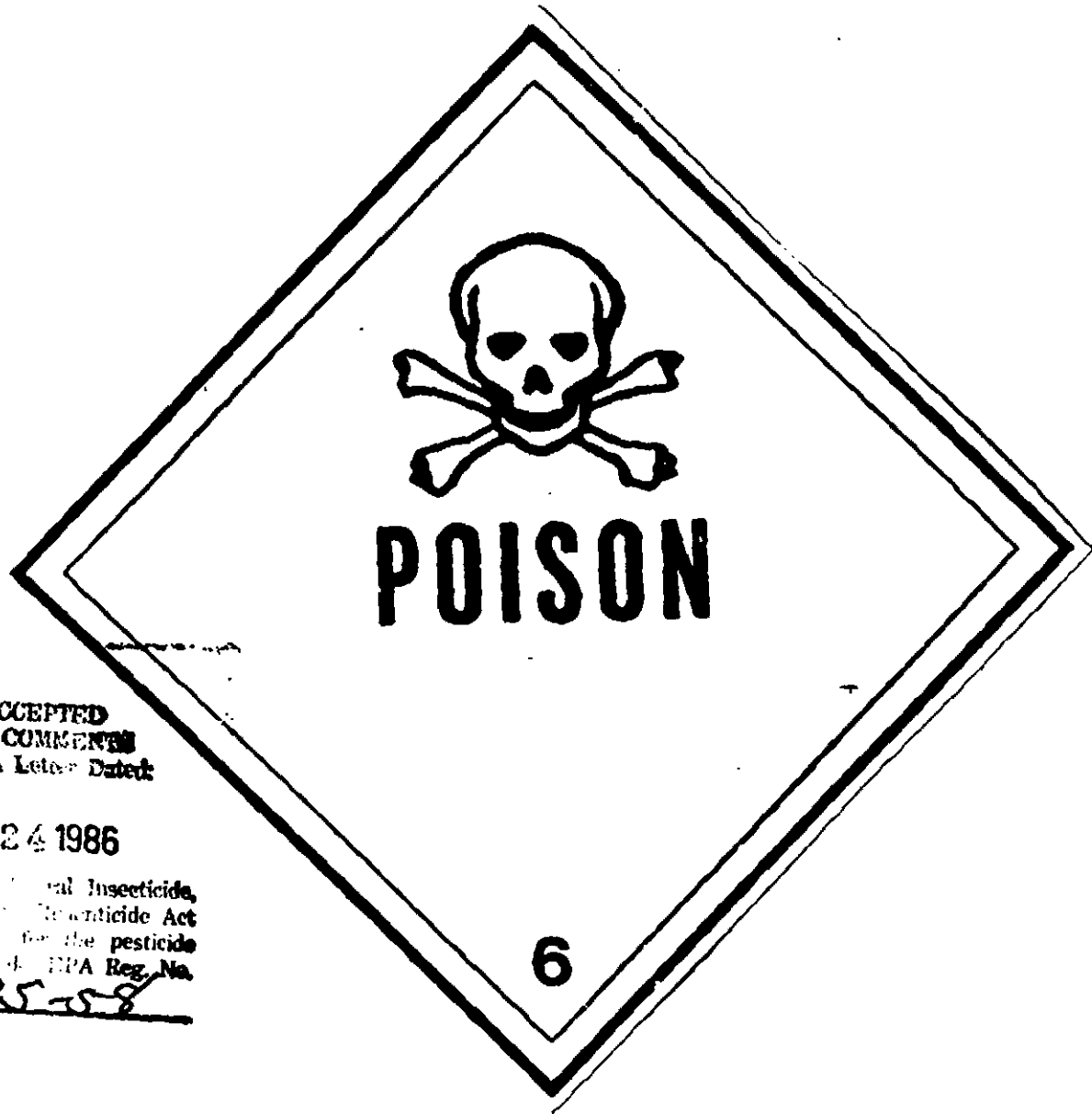
Walter C. Francis
Product Manager (32)
Antimicrobial Program Branch
Registration Division (H7505C)

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56682:I:WP50:Clark:C.Disk:KEVRIC:5/8/91,EK:worak

CONCURRENCES

SYMBOL	SURNAME	DATE					



ACCEPTED
with COMMENTS
in EPA Letter Dated:

NOV 24 1986

Under Federal Insecticide,
Fungicide and Rodenticide Act
as amended for the pesticide
registered with EPA Reg. No.

5785-58

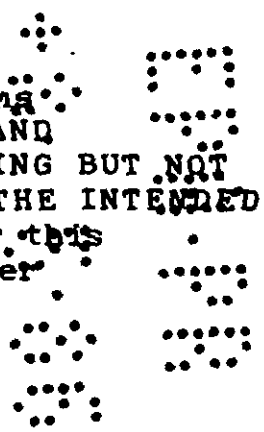
INHALATION HAZARD

CHLOROPICRIN,
LIQUID
UN 1580

STATEMENT OF WARRANTY AND LIABILITY

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.

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CHLOROPICRIN

FOR FORMULATION OF NEMATICIDES, INSECTICIDES, HERBICIDES,
AND FUNGICIDES

Active Ingredient:	
Chloropicrin	96.5%
Inert Ingredients:	3.5%
TOTAL	100%

DANGER

KEEP OUT OF REACH OF CHILDREN

POISON

One gallon of Chloropicrin weighs 14 pounds.

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

Statement of Practical Treatment

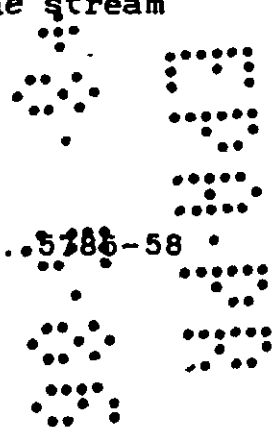
In all cases of overexposure, get medical attention immediately. Take person to a doctor or emergency treatment facility.

IN INHALED: Remove victim to fresh air immediately. Keep victim lying down and 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.

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

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

SEE SIDE PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS



NET WEIGHT: _____

EPA REG. NO. 5185-58

LOT NO: _____

GREAT LAKES CHEMICAL CORPORATION
WEST LAFAYETTE, IN 47906

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**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER**

Poisonous liquid and vapor. Inhalation of vapors may be fatal. Chloropicrin is readily identifiable by smell. Exposure to very low concentrations of vapor will cause irritation of eyes, nose, and throat. Continued exposure after irritation, or higher concentrations may cause painful irritation to the eyes or temporary blindness. Liquid will cause chemical burns to skin or eyes. Do not get on skin, in eyes, or on clothing. Harmful or fatal if swallowed.

NOTE 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.

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 concentration of chloropicrin in the working area, as measured by a Matheson-Kitagawa detection device using tube 172, does not exceed 0.1 ppm (0.7 mg/M³), no respiratory protection is required.

If this concentration is exceeded at any time, all persons in the fumigation area must wear a NIOSH/MSHA approved air purifying respirator approved for organic vapors, self-contained breathing apparatus (SCBA), or a combination air supplied/SCBA respirator.

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.

SPILL AND LEAK PROCEDURES. Evacuate immediate area of spill or leak. Use a NIOSH/MSHA approved air purifying respirator approved for organic vapors, self-contained breathing apparatus (SCBA), or a combination air supplied/SCBA 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 area by unprotected persons until concentration of chloropicrin is determined to be less than 0.1 ppm.

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PHYSICAL AND 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 nonflammable liquid.

DIRECTIONS FOR USE

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

Chloropicrin is to be used only for repackaging or formulating as a nematocide, insecticide, herbicide and fungicide. Registration by the Environmental Protection Agency is required before the new product may be lawfully distributed in interstate commerce.

STORAGE AND DISPOSAL

Storage and Handling. Store upright in a cool, dry, well-ventilated area under lock and key. Do not remove safety caps until just prior to use. 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. Do not contaminate water, food, or feed by storage or disposal.

Disposal. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes can not 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. Return empty cylinders freight collect to the Great Lakes Chemical Corporation location from which shipment was made. Close cylinder valve by turning clockwise until hand tight. Disconnect lines. Replace safety caps and bonnet. Return partial cylinders only after consulting Great Lakes Chemical Corporation for proper shipping instructions.

EPA EST. NO. 5785-AR-01

LVM
7/29/86

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