

5785-58

1-17-2001

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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 05-31-98



United States
Environmental Protection Agency
Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number
254953

Application for Pesticide - Section I

1. Company/Product Number 5785-58	2. EPA Product Manager Mary Waller	3. Proposed Classification <input type="checkbox"/> None <input checked="" type="checkbox"/> Restricted
4. Company/Product (Name) Chloropicrin	PM# 21	
5. Name and Address of Applicant (Include ZIP Code) Great Lakes Chemical Corporation P.O. Box 2200 West Lafayette, IN 47996-2200 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	NOTIFICATION JAN 17 2001
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.	

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of Respirator Statement Change per PR Notice 98-9

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	If "Yes" Unit Packaging wgt. No. per container		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Package wgt No. per container			
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Gregg Starr	Title Regulatory Specialist	Telephone No. (Include Area Code) (765) 497-6391
2. Signature 12/28/2000		6. Date Application Received (Stamped)
3. Title Regulatory Specialist		
4. Typed Name Gregg Starr	5. Date 12-28-2000	



NOTIFICATION

JAN 17 2001

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CHLOROPICRIN

FOR FORMULATING END-USE PRODUCTS

For formulating end-use products for preplant soil fumigation of terrestrial food crops; for greenhouse preplant soil fumigation of food crops, ornamentals and

ACTIVE INGREDIENT:

Chloropicrin

OTHER INGREDIENTS:

Total

One gallon of Chloropicrin weighs 14 pounds



KEEP OUT OF REACH OF CHILDREN

DANGER • POISON • PESTICIDE

PRECAUCION AL USUARIO: Si Usted no entiende la etiqueta, busque a alguien que le explique a Usted en detalle. (If you do not understand the label, find someone to explain it to you.)

STATEMENT OF PRACTICAL TREATMENT

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

IF INHALED: Remove victim to fresh air immediately. Keep victim lying down and warm. Make sure breathing has stopped, give artificial respiration, preferably mouth-to-mouth. Do not give anything to an unconscious person.

SKIN CONTACT: Immediately remove all contaminated clothing, shoes, and any other items covering the 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

EPA REG. NO. 5785-58



**Great Lakes
Chemical Corporation**

P.O. Box 2200, West Lafayette, Indiana 47906-2200

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER • PELIGRO

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 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.

PERSONAL PROTECTIVE EQUIPMENT (PPE): Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category H on an EPA Chemical resistance category selection chart.

Workers with potential to be directly exposed must wear:

Loose-fitting or well ventilated clothing
Socks and chemical resistant footwear
Chemical-resistant gloves, such as barrier laminate and viton, when handling liquid
Chemical-resistant apron, when handling liquid
Protective eyewear, when handling liquid

When a respirator is not required, protect the eyes from liquid by wearing a full face shield (goggles are not recommended).

No respirator is required if the air concentration level of chloropicrin in the working area is measured to be less than 0.1 ppm.

Full face mask respirators are required under the following circumstances:

--if the air concentration level exceeds 0.1 ppm at any time, workers with direct exposure potential must wear (a) a respirator with an organic-vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), OR (b) a respirator with a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), OR (c) a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R, P or HE prefilter.

--if the air concentration level exceeds 4 ppm at any time, workers with direct exposure potential must wear (a) supplied-air respirator (MSHA/NIOSH approval number prefix TC-19C), OR (b) a self-contained breathing apparatus (SCBA) (MSHA/NIOSH approval number prefix TC-13F).

AIR CONCENTRATION LEVEL:

The acceptable air concentration level for persons exposed to chloropicrin is 0.1 ppm (0.7 mg/M³). If the air concentration level exceeds 0.1 ppm, an air-purifying respirator must be worn. If the air concentration level exceeds 4 ppm, an air-supplying respirator must be worn. The air concentration level is measured by a direct reading detection device such as a Matheson-Kitagawa.

WORKER SAFETY REQUIREMENTS:

1. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product. Do not reuse them.
2. Clean PPE after each day's use. Air-expose reusable PPE and work clothing outside until free of all traces of fumigant. Then follow PPE manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE and work clothing separately from other laundry.

USER SAFETY RECOMMENDATIONS:

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.
- Supply your physician with information on chloropicrin, which is available from Great Lakes Chemical Corporation.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high-water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

SPILL AND LEAK PROCEDURES

Evacuate everyone from the immediate area of the spill or leak. For entry into affected area to correct problem, wear the personal protective equipment (including prescribed respirator) specified in the Hazards to Humans section of this labeling. Move leaking or damaged containers outdoors or to an isolated location. Observe strict safety precautions. Work upwind, if possible. Allow spilled fumigant to evaporate or to absorb onto vermiculite, dry sand, earth, or similar absorbent material. Such material should be disposed of on site or at an approved disposal facility. Only correctly trained and PPE-equipped handlers are permitted to perform such cleanup. Do not permit entry into spill or leak area by any other person until the concentration of chloropicrin is measured to be less than 0.1 ppm.

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.

Reformulators and repackagers of this product must obtain their own registration from the Environmental Protection Agency.

Chloropicrin is to be used for formulating end-use products for: (1) preplant soil fumigation of terrestrial food crops, ornamentals and nursery beds, and (2) greenhouse preplant soil fumigation of food crops, ornamentals and nursery beds. Only protected workers may be in the area during processing with this product. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

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. Do not contaminate water, food, or feed by storage or disposal. Persons opening containers must wear the personal protective equipment (including prescribed respirator) specified in the Hazards to Humans section of this labeling. Open container only in a well-ventilated area.

DISPOSAL. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate 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. 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.

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.

CHLRPIC-1 REV. AR-58-H

LOT NO. _____

NET WT. _____