



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

John Reese, Jr.
ASHTA Chemicals
3509 Middle Road
Ashtabula, OH 44005

AUG 29 2012

Product Name: Chloropicrin
EPA Reg. No.: 62531-1
Subject: Amendment dated 5/11/12: Amended Label
EPA Decision Number: 465973

Dear Mr. Reese:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended is acceptable provided the following label revision is made and conditions are met:

Label Revision:

1. On page 4, in the paragraph titled "**Return Cylinders to:**" change the two references to "Company" to the company name "ASHTA Chemicals."

Conditions:

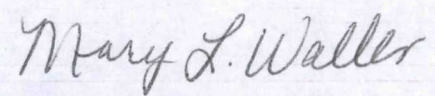
1. EPA has determined that the risk mitigation measures on the revised label for this product are necessary to adequately protect human health and the environment. Therefore, pursuant to 40 CFR § 152.130(d), EPA has decided that no product bearing previously approved labeling may be sold or distributed (released for shipment) by its registrant after December 1, 2012. Wherever state approval is required for sale or distribution of this product with this new labeling, EPA strongly encourages you to submit an application to the state authority as soon as possible. You should be aware that the Agency does not intend to modify the December 1, 2012, deadline because of any failure to obtain state approvals.
2. Submit one copy of the final printed label that incorporates the required changes before the product is released for shipment.

62531-1
Chloropicrin
Page 2 of 2

One copy of the label stamped "Accepted" is enclosed for your records. This label supersedes all labels previously accepted for this product. Please submit one copy of the final printed label before the product is released for shipment.

If you have any questions, please contact Erin Malone at (703) 347-0253 or via email at malone.erin@epa.gov.

Sincerely,



Mary L. Waller
Product Manager (21)
Fungicide Branch
Registration Division (7504P)

Enclosure

CHLOROPICRIN

For Formulating End-Use Products

Active Ingredient:	
Chloropicrin.....	99.3%
Other Ingredients.....	0.7%
Total.....	100.0%

ACCEPTED
with **COMMENTS**
In EPA Letter Dated:

8/29/2012

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

62531-1

This product weighs 14.15 lbs. Per Gallon

KEEP OUT OF REACH OF CHILDREN

DANGER



POISON



[Note : "Poison" will be
printed in red]

PELIGRO

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).

FIRST AID

IN ALL CASES OF OVEREXPOSURE GET MEDICAL ATTENTION IMMEDIATELY. TAKE PERSON TO A DOCTOR OR AN EMERGENCY TREATMENT FACILITY.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth. Call a poison control center or doctor for further treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing, shoes, and other items covering the skin. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF IN EYES: Hold eyes 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 eyes. Call a poison control center or doctor for treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have 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.

NOTE TO THE 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.

[SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS.]

4/17

NET WEIGHT: _____ LBS.
LOT NO.: _____

EPA REG. NO. 62531-1
EPA EST. NO. 062531-OH-001

ASHTA Chemicals Inc.
3509 Middle Road
Ashtabula, Ohio 44004

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
D A N G E R

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.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are PPE constructed of Saranex, neoprene, and chlorinated polyethylene provide short-term contact or splash protection against liquid in this product. Longer-term protection is provided by PPE constructed of Viton, Teflon, and EVAL barrier laminates (for example, responder suits manufactured by Life-Guard or Silvershield gloves manufactured by North). Where chemical-resistant materials are required, leather, canvas, or cotton materials must not be worn as the sole article of protection when contact with this product is possible. For more options, follow the instructions for Category H on the chemical-resistance category selection chart.

When performing tasks with no potential for contact with liquid, all workers must wear:

- Long-sleeved shirt and long pants, and
- Shoes and socks

When performing tasks with potential contact with liquid fumigant, all workers must wear:

- Long-sleeved shirt and long pants,
- Chemical-resistant gloves,
- Chemical-resistant apron,
- Protective eyewear (Do **NOT** wear goggles), and
- Chemical-resistant footwear and socks.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to mammals, birds, fish, and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage

Note to reviewer: Text in [brackets] indicates optional text or note to reviewer.

Edit date: 2012-05-11.

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 nitrogen compressed air or solvent Do not use handling equipment or containers made from magnesium 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

Only for formulation into a fumigant for the following uses pre plant soil fumigant in agricultural fields and commercial greenhouses tree replant and remedial wood treatment

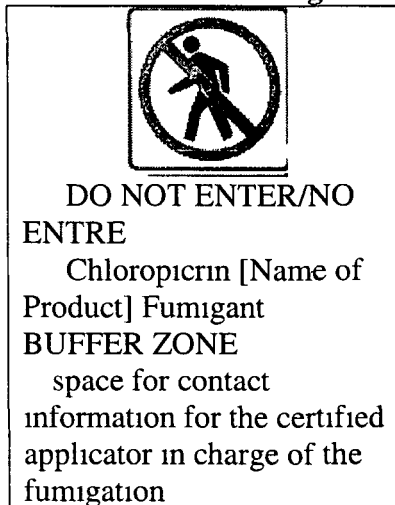
Chloropicrin cannot be formulated into end use products labeled for pre plant or pre transplant uses unless the end use registrant makes available to certified applicators who purchase or apply the end use product a registrant developed training program approved by EPA The training program must provide information on (1) how to correctly apply the fumigant including how to comply with new label requirements (2) how to protect handlers and bystanders (3) how to determine buffer zone distances (4) how to complete an FMP and the post application summary (5) how to determine when weather and other site specific factors are not favorable for fumigant application (6) how to comply with required GAPs and how to document compliance with GAPs in the FMP and (7) how to develop and implement emergency response plans The registrant developed training program must be made available at least annually to the certified applicators The end use registrant must be able to provide upon request the names addresses and certified applicator license and/or certificate number of persons who successfully complete the registrant developed training program

Chloropicrin cannot be formulated into end use products labeled for pre plant or pre transplant uses unless the end use registrant ensures Buffer Zone signs suitable for posting buffer zones or templates for the buffer zones signs are available to its downstream distributors/customers who in turn will provide the signs at the point of sale Templates may be downloaded from http://www.epa.gov/pesticides/reregistration/soil_fumigants/index.htm

The Buffer Zone sign must meet the following standards

- Signs must remain legible during the entire posting period and must meet the general standards outlined in the WPS for sign size text size and legibility (see 40 CFR §170.120)

Contents of Sign



This product may be used to formulate products for any additional use(s) not listed on the MUP label if the formulator user group or grower has complied with U S EPA submission requirements regarding support of such use(s)

STORAGE AND DISPOSAL

Do not contaminate water food or feed by storage and disposal

PESTICIDE STORAGE Store in a dry well ventilated area under lock and key Post as a pesticide storage area Persons moving handling or opening containers must wear the personal protective equipment specified in the Hazards to Humans section of this labeling Open container only in a well ventilated area

PESTICIDE 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

PESTICIDE CONTAINER HANDLING/CONTAINER DISPOSAL

Refillable Container Refill this container with pesticide only Do not reuse this container for any other purpose Cleaning the container before final disposal is the responsibility of the person disposing of the container Cleaning before refilling is the responsibility of the refiller

RETURN CYLINDERS TO Return cylinders to the place of purchase as designated on the Bill of Sale Cylinders are the property of Company and must be returned promptly by collect au o freight (1) When a cylinder is empty the valve must be closed the safety cap screwed on the valve outlet and the valve protection bonnet replaced prior to its return to the shipper (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 Company the distributor or dealer representative for return instructions (4) Containers must never be refilled by the consumer or used for any other product or purpose

HANDLING (1) Do not remove the valve protection bonnet and safety cap until the 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) Do not subject cylinders to rough handling or to abnormal mechanical shock such as dropping bumping dragging or sliding (3) Do not use ropes slings hooks tongs and similar handling devices for unloading cylinders (4) A suitable hand truck fork truck or similar device to which the cylinders can be firmly secured must be used for transporting the heavier cylinders

SHIPPING This fumigant is classified in the U S Department of Transportation Hazardous Materials Regulations and must be shipped in accordance with DOT requirements Describe empty cylinders as having last contained Chloropicrin (Inhalation Hazard) Do not ship with foods feeds or clothing

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 specified in the *Hazards to Humans and Domestic Animals* section of this labeling Move leaking or damaged containers outdoors 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 Dispose of material at an approved disposal facility Only correctly trained and PPE equipped workers are permitted to perform such cleanup Do not permit entry into the spill or leak area by any other person until the concentration of chloropicrin is measured to be less than **0 15 ppm**

WARRANTY DISCLAIMER

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 To the extent consistent with applicable law 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