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CHLOROPICRIN

TECHNICAL

NKS WF

DANGER

POISON

FOR MANUFACTURING, FORMULATING OR REPACKAGING

READ THE LABEL BEFORE USING

KEEP OUT OF REACH OF CHILDREN

GUARANTEE: CHLOROPICRIN ..... 99.9%

REGISTRATION NO. 25669

PEST CONTROL PRODUCTS ACT

NET CONTENTS: 680 kg

TRINITY MANUFACTURING, INC.

P.O. Box 1519

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28345

919-582-5650

## PRECAUTIONS

PREVENT ACCESS BY UNAUTHORIZED PERSONNEL. HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS.

### DIRECTIONS FOR USE:

To be used only in the manufacture of a pesticide which is registered under the *Pest Control Products Act*.

This fumigant is a highly hazardous material and must be handled with care only by those individuals experienced with its proper use. Read and follow all label directions and product literature specific to your requirements.

Poisonous liquid and vapour. Inhalation may be fatal.

CHLOROPICRIN is readily identifiable by smell. Exposure to very low concentrations of vapour will cause irritation on eyes, nose and throat. Continued exposures after irritation is evident 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.

CHLOROPICRIN has the capacity to cause marked irritation to the upper respiratory tract, and is a strong lachrymator (tear producing eye irritant). Low concentrations, below those necessary to cause serious systemic intoxication, are capable of causing severely painful eye irritation, hence will not be voluntarily tolerated. However, the effect may be so powerful that a person may become temporarily blinded and panic-stricken and that in turn may lead to accidents.

### OPERATOR USE PRECAUTIONS

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 personal protective equipment (PPE) immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing. Do not wear jewellery, gloves, goggles, tight clothing, rubber protective clothing, or rubber boots when handling. CHLOROPICRIN is heavier than air and can be trapped inside clothing and cause skin injury. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product. Do not reuse them. Clean PPE after each day's use. Immediately after contamination remove outer clothing, shoes, and socks and do not reuse until thoroughly aerated or ventilated. Keep such clothing and shoes outdoors until thoroughly aerated. Then follow the PPE manufacturer's instructions for cleaning/maintaining PPE. If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE and work clothing separately from other laundry. Follow PPE manufacturer's instructions for cleaning/maintaining protective eyewear, face shields and respirators. Handle this fumigant in the open, when possible, with the operator "upwind" from the container where there is good ventilation. Check the fumigant pressure system, when used, for leaks before beginning application. A respirator must be carried in each service vehicle. Do not spill. If liquid fumigant splashes or spills on shoes or clothing, remove them at once as fumes from the contaminated area will be an intolerable source of irritation. If the liquid contacts skin where rings or bandages are worn, remove them and

wash the exposed skin with soap and water. Expose shoes or clothing to outside air, and do not wear until free of all traces of fumigant. Always have adequate clean water available to wash the skin.

#### PROTECTIVE CLOTHING AND EQUIPMENT:

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.

Applicators and other handlers must wear: Loose-fitting or well ventilated long-sleeved shirt and long pants. Shoes and socks. Full-face shield or safety glasses with brow and temple shields (Do NOT wear goggles). When the air concentration level is above 0.1 ppm and a respirator is required, protect the eyes by wearing a full-face respirator. No respirator is required if the air concentration level of CHLOROPICRIN in the working area is measured to be less than 0.1 ppm. A respirator is required under the following circumstances:

- If the air concentration level exceeds 0.1 ppm at any time, applicators and other handlers must wear (a) a respirator with an organic-vapour-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).
- If the air concentration level exceeds 4 ppm at any time, applicators and other handlers must wear (a) 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).

This fumigant is toxic to fish and aquatic organisms. Do not contaminate aquatic systems by cleaning of equipment or disposal of wastes. Do not use containers or application equipment made of magnesium, aluminium, or their alloys, as under certain conditions this fumigant may be severely corrosive to such metals. Do not permit water to be used to clean the fumigant pressure system as corrosion will result. Diesel oil is satisfactory for this purpose.

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) Cylinders should never be subjected to rough handling or to abnormal mechanical shock such as dropping, bumping, dragging, or sliding. (3) Ropes, slings, hooks, tongs, and similar device to which the cylinders can be firmly secured should be used for transporting the heavier cylinders.

SPILL OR LEAK PROCEDURE: 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 Protective Clothing and Equipment section of this labelling. 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 the spill or leak area by any other person until the concentration of CHLOROPICRIN is measured to be less than 0.1 ppm.

#### FIRST AID

**IF SWALLOWED:** Call a poison control centre 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 centre or doctor. Do not give anything by mouth to an unconscious person.

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

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for 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 eye. Call a poison control centre or doctor for treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**TOXICOLOGICAL INFORMATION:** If swallowed, empty stomach contents by gastric lavage. 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 oedema may develop later. Treatment is symptomatic.

**STORAGE:** Store container tightly closed and away from seeds, feeds, fertilizer, plants and foodstuffs in a cool, dry, well-ventilated building.

**DISPOSAL:** Canadian formulators of this technical should dispose of unwanted active and containers in accordance with municipal or provincial regulations. For additional details and the cleanup of spills, contact the provincial regulatory agency or the manufacturer.

#### RETURNABLE CONTAINERS

After use, return cleaned container to point of purchase or designated locations. Do not reuse container for any other purpose.

#### RETURNABLE-REFILLABLE CONTAINERS

After use, return the container to the point of purchase or designated locations. This container must only be refilled with CHLOROPICRIN TECHNICAL. Do not reuse container for any other purpose. Prior to refilling inspect thoroughly for damage such as cracks, punctures, abrasions, and damaged or worn out threads on closure devices. Check for leaks before refilling and before transportation. Do not refill or transport damaged or leaking containers. If the container is not being refilled, return to point of purchase. (1) When a

cylinder is empty, the valve should be closed, the safety cap screwed onto the valve outlet, and the 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 the company for return instructions. (4) Containers should never be refilled by the consumer or used for any other product or purpose.

**NOTICE TO USER:** This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

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