

03 JUL 1986

Tri-Cal Incorporated
P.O. Box 782
Hollister, CA 95024

Attention: Tim Vaughan

Gentlemen:

Subject: Brom-76
EPA Registration No. 8536-1
Your Submission of August 19, 1985

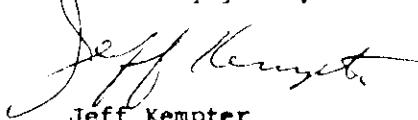
The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(A) is acceptable provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,



Jeff Kempter
Acting Product Manager (32)
Disinfectants Branch
Registration Division (TS-767C)

Enclosure
86982:Pringle:MF-11:KENCO: 6/19/86: 6/25/86:de:

CONCURRENTS

SYMBOL ►	TG-767							
SURNAME ►	Pringle							
DATE ►	6-23							

PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS
AND DOMESTIC ANIMALS:
DANGER

THIS FUMIGANT IS A HIGHLY HAZARDOUS MATERIAL AND MUST BE HANDLED WITH CARE ONLY BY THOSE INDIVIDUALS EXPERIENCED WITH ITS PROPER USE. CONSULT YOUR DEALER/REPRESENTATIVE OR TRICAI INCORPORATED FOR CORRECT PROCEDURE BEFORE USING. READ AND FOLLOW ALL LABEL DIRECTIONS AND PRODUCT LITERATURE SPECIFIC TO YOUR PARTICULAR REQUIREMENTS.

**EXTREMELY HAZARDOUS LIQUID AND VAPOR
UNDER PRESSURE**
**INHALATION MAY BE FATAL OR CAUSE
DELAYED LUNG INJURY**
**LIQUID AND VAPOR CAUSE BURNS WHICH
MAY BE DELAYED**

The Chloropicrin portion of this fumigant has the capacity to cause marked irritation to the upper respiratory tract and is a strong lacrimator (tear producer). Eye irritants. Low concentrations below those necessary to cause serious systemic damage are capable of causing severe 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.

**PRECAUTIONS TO FOLLOW
PRIOR TO FUMIGATION:**

1. Before using this fumigant, read and know all directions on the label and in product literature.
 2. Contact without unnecessary and unnecessary. Obtain or designate personnel from Agricultural Inspection Agencies or Health Agencies.
 3. Check with your physician, with information on death, convulsions, and other effects.
- NOTICE: Some Chemical Compounds Contained in This Product**
- 4. Chloropicrin, which may cause blindness, severe eye irritation, and respiratory distress. A condition which could easily cause further exposure until recovery occurs.
 - 5. Never fumigate alone. It is imperative to always have an assistant and supervisor present, see more important details below. To avoid in case of accidents.
 - 6. Drivers of applicators must protect themselves other workers. For greater protection and procedures in addition drivers must inform their supervisor on the nature of operation of the tractor and how to safely work with the tractor and driver when operating tractor this far apart in the open with the operator up wind from the direction where there is good ventilation.
 - 7. Check respirator pressure system before beginning application.
 - 8. When fumigating soil from depths, 5 gallons of water must be used for each acre treated and treated where it is readily accessible. In addition to water, measures in the form of test 5 gallons of distilled water must be available from the service truck. The water must be double-barrelled and clearly marked. Water is the best way.

RESPIRATORY EXPOSURE

- RESPIRATORY PROTECTION:** Do not breathe fumes. A gas mask must be worn on each service vehicle because of the high volatility nature of this fumigant. It will serve as its own identifying agent to help prevent over exposure. However, if vapor exposure may occur in a confined space or full line gas mask with an air supply tank or canister is recommended. Read and follow the gas mask manufacturer's instructions. A full face gas mask with a fresh, blank canister, meet ASCE Z37.1-68 spec. face and eye piece assembly can be used under certain circumstances where the vapor concentration is known to be under 2% by volume (100 ppm) or 1000 mg/m³ can be used for no more than that period recommended by the manufacturer. Death can occur by asphyxiation. Chloropicrin must be depressed upon the wearer's request when a respirator mask is used.

EYE EXPOSURE

- Wear safety glasses when working with this fumigant. Do not let eyes contact liquid or vapor. Immediately flush eyes with clean water.

SKIN EXPOSURE

- Do not get liquid or vapor on skin or clothing. If exposure does occur, remove contaminated area with the utmost care. Wash with soap and water. If eyes are affected, flush eyes with water and seek medical advice. If skin is affected, wash with soap and water and seek medical advice.

- 4. Do not wear glasses.
- 5. Avoid direct sunlight when wearing this product.

SEE HANDLING PRECAUTIONS CONTINUED IN THIRD COLUMN —

RESTRICTED USE PER

Federal Pesticide, Fertilizer, and Toxic Substance Control Act
 Exemptions for the use of this product
 Exempt under the Restricted Use Applicator
 Category I

BROM - 76

REGISTRATION NO.

DATE OF REG.

ACTIVE INGREDIENTS

METHYL BROMIDE
Chloropicrin

CHLOROPICRIN

PETROLEUM HYDROCARBONS
as amended, for the product INERT INGREDIENTS

PETROLEUM HYDROCARBONS

registered under EPA Reg. No.

8236-1

TOTAL

PREPLANT SOIL F

KEEP OUT OF REACH OF CHILDREN

DANGER



SEND FOR A DOCTOR IMMEDIATELY
IN CASE OF EXPOSURE

STATEMENT OF PRACTICAL USE

IF INHALED — Carry Patient To Fresh Air. Get Medical Attention. Make Sure Patient Can Breathe Freely. Keep Airway Open. Artificial Respiration If Breathing Has Stopped. Administered Only By Qualified Personnel.

IF ON SKIN — Immediately Remove ABC (All Clothing Including Shoes, Clothing And Adhesive Bandages) From Skin. Thoroughly Wash Skin With Soap And Water. Dry Completely. Get Medical Attention. Do Not Rub Skin. Use Cold Compress If Any Irritation Occurs.

IF IN EYES — Flush Eyes Continuously With Water For 15 Minutes And Get Medical Attention.

NOTE TO PHYSICIANS — See First Aid Information For 24 Hours.

PRECAUCION AL USUARIO — See First Aid Information For 24 Hours.

TRANSLATION — To THE USER: If You Are Not Sure This Product Is Safe, The Label Directions

See Side Panel For Additional Precautions.

SOIL CHEMICALS CORPORATION

P.O. BOX 727 BELLISTER, CALIFORNIA

EPA EST. 25 JULY 1961
EPA REG. NO. 8236-1

NET CONTENTS

PRECAUTIONS TO FOLLOW DURING FUMIGATION:

This fumigant should not be applied when there is an atmospheric inversion. Once comfortable concentrations of Chloropicrin may drift to nearby areas. Immediately cover treated areas with plastic tarpaulin for a minimum of 24 hours.

Do not let insect traps to turn at end of a pass until fumigant has cleared from them following closure of shut-off valve.

Trash pulled by the shanks to the end of the field when fumigating must be covered by tying the shanks, then covering the trash with polyethylene film before making the turn at the end of the pass.

In case of a rupture of hose or fitting while applying fumigant, immediately stop tractor and motor. Get off tractor and get to a place where the problem can be observed without exposure to fumes. Approach from upwind, with respiratory protection required, and make necessary repairs.

When changing the cylinder be certain they are turned off and fumigant system is under pressure.

PRECAUTIONS TO FOLLOW AFTER FUMIGATION:

Exit all treated areas with warning signs. Available from SOIL CHEMICALS CORPORATION.

Keep all minors, children and unauthorized people away from area under fumigation during 24 hour exposure period and during removal of tarpaulin.

No one domestic animals on crop residues unless an E.P.A. tolerance exists for such use. Examples are, but not limited to, seeded or volunteer cover crops growing on soil which has been fumigated as a preplant treatment for a registered crop use.

NOTE CAREFULLY: Fumigation may temporarily raise the level of ammonia nitrogen and soluble salts in the soil. This is most likely to occur when heavy rates of fertilizer and/or manure are applied to soils that are either cold, wet, acid, or high in organic matter. To avoid injury to plant roots, fertilize as indicated by soil tests made after fumigation to avoid ammonia injury or nitrate starvation, or both. To crops, avoid using fertilizers containing ammonium salts and use only fertilizers containing nitrogen until after the crop is well established and the soil temperature is well above 65° F. Fuming highly acidic soils before fumigation stimulates nitrification and reduces the possibility of ammonia toxicity.

ENVIRONMENTAL HAZARD

Fumigant is toxic to fish and wildlife. It should not be discharged where it will drain into streams, ponds, or public water. Do not contaminate water by cleaning of equipment or disposal of wastes.

CHEMICAL HAZARD

Do not use containers or application equipment made of magnesium, aluminum 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 fumigant pressure system as corrosion will result. Diesel is satisfactory for this purpose.

DIRECTIONS FOR USE

A violation of federal law to use this product in a manner inconsistent with its labeling.

STORAGE AND DISPOSAL

STORAGE

- 1) Not stored with food, feeds, or clothing.
- 2) Storage areas should be:
- 3) Secured by lock and key.
- 4) Posted as pesticide storage.
- 5) Away from dwellings.
- 6) Dry and cool.
- 7) Well ventilated.

LOR LEAK PROCEDURE

Locate affected area, use respiratory protection and correct problem. Move away from indoors or to an unheated location. Wash fumigant into soil or cover with sand or possible liquid to evaporate. Do not permit to enter into areas until free of fumes.

DISPOSAL: Do not contaminate water, food or feed by storage or disposal.

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray residue, 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, the Hazardous Waste representative or the nearest EPA Regional Office for guidance.

RN OF CYLINDERS

Cylinders are the property of:
Soil Chemical Corp.
2660 E. 220th Street
Long Beach, CA 90810

Soil Chemical Corp.
2610 Highway 41 North
Pointe-aux-Chênes LA 70581

Cylinders should be returned promptly by collect mail freight.

When a cylinder is empty, the valve should be closed, the safety cap screwed on the valve outlet and the protective buster replaced prior to its return to the shipper.

Do not ship any cylinder without a safety cap or valve protection buster.

When a cylinder is partially full and there is no further requirement for the product, contact Soil Chemical Corporation for return instructions.

Containers should never be refilled by the consumer or used for any other product or purpose.

STORAGE AND DISPOSAL (CONTINUED)

SHIPPING

The fumigant is classified in the U.S. Department of Transportation Hazardous Materials Regulations as Methyl Bromide since more than 25% Chloropicrin mixture. Liquid, compressed gas, powder and no exemptions from specification packaging, marking and labeling are allowed. Except empty cylinders or boxes first contained Methyl Bromide and more than 25% Chloropicrin mixture. Liquid, drum, ship with food, feeds, or clothing.

HANDLING

- (1) The valve protection buster and safety cap should be removed only when fumigant is about to be removed from the cylinder. The safety cap and valve protection buster must be replaced when 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 shaking.
- (3) Rope slings, hooks, tongs and similar handling devices should not be used for unloading cylinders.
- (4) A suitable hand truck, fork lift or a crane device to which the cylinders can be firmly secured, should be used for transporting the heavier cylinders.

GENERAL INFORMATION

This material is a preplant fumigant for control of soil borne pests as listed. Wireworms and nematodes, weed and grass seeds, and diseases caused by certain species of Rhizoctonia, Pythium, Fusarium, Phytophthora and Verticillium. It is to be used in soil to be planted to crops listed below.

SOIL PREPARATION

Prior to application the soil should be in condition for planting and with sufficient moisture to support seed germination.

APPLICATION

Apply the fumigant by means of chisel spaded from 12" to 18" apart and at a depth of 6" to 8" below soil surface. To seal fumigant after application cover with a gas tight tarpaulin.

DOSAGE TABLE

Land To Be Planted To	lbs. Per Acre
Strawberries	300
Tomatoes	300
Floral, Crop & Nursery Crops	400-600
Seed Bean	500-600
Plants grown for transplanting	

AERATION

Remove tarpaulin after 24 hours. Allow the fumigant to dissipate for two weeks before planting if colors of fumigant persist beyond this two week period, dig or plow the soil to help ventilation.

WARRANTY

NOTICE: Seller warrants that the product conform to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instruction, or under unusual conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

CAUTION

Note carefully: Fumigation under normal conditions may raise the level of ammonia nitrogen and soluble salts in the soil. This is most likely to occur when heavy rates of fertilizer and/or manure are applied to soils that are either cold, wet, acid, or high in organic matter. To avoid injury to plant roots, fertilize as indicated by soil tests made after fumigation to avoid ammonia injury or nitrate starvation, or both. To crops, avoid using fertilizers containing ammonium salts and use only fertilizers containing nitrogen until after the crop is well established and the soil temperature is well above 65° F. Fuming highly acidic soils before fumigation stimulates nitrification and reduces the possibility of ammonia toxicity.

