

## SAFETY PRECAUTIONS

1. Handle with care. Avoid inhalation of vapour and direct contact with skin or clothing.
2. Poisonous when absorbed through skin, swallowed or inhaled.
3. Wear Personal Protective Clothing whilst handling the product; plastic overalls, thick rubber gloves, gumboots and face shield or appropriate cartridge respirator for protection against vapours when handling, preparing and applying the spray mixture.
4. **PLACE UNDER LOCK AND KEY.**
5. **KEEP APART FROM FOOD, FOODSTUFFS, SEEDS AND FERTILIZERS.**
6. **KEEP OUT OF REACH OF CHILDREN, UNAUTHORIZED PERSONS AND ANIMALS.**
7. **DO NOT** use, pour, spill or store near heat or an open flame.
8. **DO NOT** eat, drink or smoke while mixing, applying or before washing hands and face, or change of clothing.
9. **DO NOT** contaminate streams, rivers or water ways with the chemical or used containers.
10. **DO NOT** carry 1,3-Dichloropropene in a vehicle which is used to carry people.
11. **TOXIC TO BEES. DO NOT** apply to any plants in flower while bees are foraging.
12. **TOXIC TO FISH AND OTHER AQUATIC ORGANISMS.**
13. Application should only be carried out with approved applicators in sound condition.
14. Stand upwind of the applicator when decanting or pouring the product.
15. Never suck this product through a tube by mouth, or use mouth to blow out clogged lines, nozzles etc.
16. Ensure that the containers are securely sealed before, during and after handling the product.
17. On completion of mixing/spraying, remove and wash protective clothing and entire body.
18. Wash with soap and running water after use or accidental skin contact.
19. **AVOID drift** on to adjacent crops and areas not under treatment.
20. Containers should be tightly closed and stored under lock and key in a well-ventilated area away from dwellings and foodstuffs.

## DEALING WITH SPILLED PRODUCT

Spilled product must be absorbed in sawdust or sand, and collected using a broom and dustpan (without a touch of the hands). A spilled product, an expired product or a product spoiled during storage is a hazardous waste and must be disposed of at the toxic waste site.

## STORAGE

Store below 30°C. Store in the original, closed container in a cool and dry, well-ventilated area. Do not store for prolonged periods in direct sunlight.

## SYMPTOMS OF POISONING

Symptoms may include nausea, dizziness, headache, unusual fatigue, blurred vision, slurred speech, staggering walk, irritation of eyes and mucous membranes, irritation or blistering of the skin, vomiting, rapid pulse, convulsions and coma.

## FIRST AID MEASURES

In ALL cases please seek medical attention.

**Eye:** Hold eye open and rinse slowly and gently for 15-20 minutes with clean water. Obtain medical advice.

**Skin:** Take off contaminated clothing. Rinse skin immediately with plenty of water and soap for 15-20 minutes.

**Inhalation:** Move patient to fresh air. If patient is not breathing, administer artificial respiration, preferably mouth to mouth. In all cases, call a poison control centre or medical practitioner for treatment advice.

**Ingestion:** Call a doctor immediately. Induce vomiting by giving an emetic such as 2 tablespoons of table salt in a glass of warm water.

## NOTE TO PHYSICIAN:

Perform cautious gastric lavage if the liquid has been ingested. **DO NOT** administer fats or oils. Give a demulcent like alumina gel. Mepiridine and Atropine are indicated for control of pain and gastrointestinal spasm. In severe cases, continuous suction by nasogastric tube should be considered. The possibility of glottic edema should be kept in mind. The administration of Corticosteroids or ACTH as an aid in the prevention of oesophageal structure is recommended. Treat symptomatically and supportively according to clinical signs. In case of inhalation, removal from source of poisoning usually suffices. 1% Epinephrine or 0.25% Isoproterenol may be useful in the case of over exposure.

## DECONTAMINATION OF SPRAY EQUIPMENT

Clean application equipment after use. **DO NOT** dispose of wash water where it can contaminate other crops, grazing, rivers or dams, foodstuffs, drinking water and eating utensils.

After use - clean the sprayer thoroughly and ensure that all traces of 1,3 Dichloropropene are removed. Drain tank then rinse tank, sprayer boom and hoses with clean water for at least 10 minutes.

- a. Fill tank with clean water and add to it 1.0 litre household bleach (or 1.5 litre household bleach at 3.5%). Remove boom and leave in the tank for 15 minutes whilst agitating. Drain through the nozzle outlets.
- b. Repeat step (a) above and thereafter, rinse thoroughly with clean water and dispose of the wash water at a site designated for the disposal of pesticides.

## EMPTY CONTAINER MANAGEMENT

Clean application equipment after use. **DO NOT** dispose of wash water where it can contaminate other crops, grazing, rivers or dams, foodstuffs, drinking water and eating utensils.

After use - clean the sprayer thoroughly and ensure that all traces of 1,3 Dichloropropene are removed. Drain tank then rinse tank, sprayer boom and hoses with clean water for at least 10 minutes.

- a. Fill tank with clean water and add to it 1.0 Litre household bleach (5%). Remove boom and leave in the tank for 15 minutes whilst agitating. Drain through the nozzle outlets. Repeat step (b) above and thereafter, rinse thoroughly with clean water and dispose of the wash water at a site designated for the disposal of pesticides.

REGISTRATION HELD BY:  
**Magchem (Pvt) Limited**  
2274 Tilbury Road  
Workington  
Harare, Zimbabwe



1. Triple rinse clean container after use
2. Puncture holes in bottom
- 3) Return to Maguires Recycling Facilitator / Return to nearest recycling facility

# 1.3-DICHLOROPROPENE

Fumigant

Reg. No: 25-E-7-12

NET VOLUME: 58L

TRB. No: 25-26-E-52

A liquid soil fumigant for the control of plant parasitic nematodes in tobacco



## Composition

1.3 Dichloropropene.....1 170 g/l

Chemical Group: Halogenated hydrocarbon

## DIRECTIONS FOR USE - USE ONLY AS INSTRUCTED

Carefully read the entire label before use.

**IMPORTANT NOTE:** This product must be used strictly as directed and in accordance with the instructions appearing on the label. The supplier accepts no liability other than as indicated in the Supplier's 'terms and conditions of sale' and the warranty clauses indicated on the product's label.

## USE PRODUCT UNDILUTED

## DIRECTIONS FOR USE IN TOBACCO LANDS

APPLICATION METHOD	DOSAGE RATE
INJECTOR	Lands: 60 lt / ha. Inject 4 ml / planting station. Seal holes after application.
MECHANICAL	Mechanical: 50 lt / ha. Apply 600 ml per 100 m ridge at 1.2m spacing at ridging.

## COMPATIBILITY:

The supplier makes no recommendation in regard to the compatibility of this product with any other products. No warranty is provided by the supplier for mixtures of this product with any other products. When mixing this product with other products, the buyer/user accepts full responsibility and risk.

## WARNING:

When not used according to label instructions, the product may kill certain plants and therefore should not be applied in the vicinity of roots of growing plants or trees. Ensure that components of application equipment made from Rubber or PVC are replaced with Nylon, Polypropylene or Polyethylen as Rubber and PVC are readily destroyed by 1,3 Dichloropropene. **DO NOT** use containers or equipment containing aluminium, magnesium or their alloys.

## IMPORTANT:

*Fumigation may temporarily raise the level of ammonium nitrogen and soluble salts in the soil. This most likely occurs when heavy rates of fertilizer and fumigants 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 on high organic soils, do not use fertilizers containing ammonium salts and use only fertilizers containing nitrates, until after the crop is well established and the soil temperature is above 18OC (65OF).*

## WARRANTY:

***The excellent results which this chemical should normally yield are not however warranted or guaranteed, as effectiveness can be greatly influenced by factors outside the control of either the manufacturers or the suppliers. No warranty whatsoever is therefore expressed or implied, concerning the performance or effectiveness of this chemical and responsibility is specifically excluded for any damage, injury or loss of any kind during or resulting from its handling, use or storage.***

## SHELF LIFE:

A minimum of 2 years from date of manufacture, if stored in the original unopened container, under constant cool and dry conditions.

## Date of Manufacture:

## Batch No:

SUPPLIED BY:  
**Avima (Pvt) Limited**  
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