



Malaspray

Reg. No. L7925 Act No. 36 of 1947

GROUP 1B INSECTICIDE

An emulsifiable contact and stomach poison for the control of the insects as specified.

'n Emulsifiseerbare kontak- en maaggif vir die beheer van insekte soos gestipuleer.

Active ingredient / Aktiewe bestanddeel:

Mercaptothion (Organophosphate) / Merkaptotien (Organofosfaat) ... 500 g/ℓ



Registered by / Geregistreer deur:

Small Pack Solutions (Pty.) Ltd.

Reg. No. 1997/17900/07

18 Aschenberg Street | Chamdor | Krugersdorp

+27 11 769 1300

Griffon Poison Information Centre: +27 82 446 8946

BATCH NO.:

LOT NR.:

DATE OF MANUFACTURE:

VERVAARDIGINGSDATUM:

EXPIRY DATE:

VERVALDATUM:

UN NO.:

VN NR.: 1993

Content
Inhoud



IMPORTANT / BELANGRIK:
Read label before use /
Lees etiket voor gebruik



**CAUTION
VERSIGTIG**



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(Organophosphate) / (Organofosfaat)

Registered by: **Small Pack Solutions** (Pty) Ltd
Co. Reg. No.: 1997/17900/07

P O Box 3131, Kenmare, 1745

Tel: +27 11 769 1300

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WARNINGS:

- Do not spray within the following number of days of harvesting:
 - Bananas, Guavas, Peaches, Plums, Apricots, Fruit:** 10 days
 - Granadillas, Avocadoes, Papayas, Citrus:** 7 days
 - Cruciferae, Onions:** 7 days
 - Cucurbits, Mushrooms, Tomatoes:** 1 day
- Handle with care.
- Poisonous by swallowing, inhalation, and contact.
- Keep out of reach of children, uninformed persons, and animals.
- Store under lock and key, away from food and feedstuffs, food utensils, and drinking water.
- Toxic to bees, fish, and wildlife.

Although this remedy has been extensively tested under a large variety of conditions the registration holder does not warrant that it will be efficacious under all conditions because the action and effect thereof may be affected by conditions such as abnormal soil, climatic and storage conditions; compatibility with other substances not indicated on the label and the occurrence of resistance of the pest against the remedy concerned as well as by the method, time and accuracy of application. The registration holder, furthermore, does not accept responsibility for damage to crops, vegetation, the environment, or harm to man or animal or for the lack of performance of the remedy concerned due to failure of the user to follow the label instructions or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.

PRECAUTIONS:

- Do not inhale fumes or spray mist.
- Wear protective clothing (rubber gloves, boots, and goggles).
- Wash with soap and water after skin contact.
- Do not eat, drink, or smoke whilst applying
- Prevent drift onto other edible crops and fishponds.
- Prevent contamination of foodstuffs, food utensils, and drinking water.
- TRIPLE RINSE THE EMPTY CONTAINER AS FOLLOWS:** Invert the empty container over the spray or mixing tank and drain for at least 30 seconds after the flow has slowed down to dripping. Thereafter rinse the empty container three times in

succession with one quarter of the container volume fresh water and decant the rinsate into the spray or mixing tank.

- Puncture the triple rinsed container and dispose of via an approved collector or recycler (www.croplife.co.za).
- Do not bury, burn, or donate the container to any other parties that may use it as a container for food or beverages.

SYMPTOMS OF HUMAN POISONING:

Inhalation, skin contact, and ingestions: Headache, dizziness, papillary constriction, muscle cramps, abdominal cramps, diarrhoea, nausea, vomiting, excessive sweating, laboured breathing, and unconsciousness. The symptoms of acute intoxication do not manifest until before 30 minutes or 1 – 2 hours. Irritating to skin and will cause dermatitis after prolonged exposure. **Eyes:** Irritation, redness.

FIRST AID TREATMENT:

- Inhalation:** Remove victim to fresh air. Administer oxygen if there is difficulty in breathing. Give artificial respiration if person is not breathing. Refer for medical attention.
- Skin:** Remove contaminated clothing. Wear impervious gloves. Rinse and then wash soap and water. Do not omit cleansing hair or under fingernails if contaminated. Administer oxygen if there is difficulty in breathing. Give artificial respiration if person is not breathing. Refer for medical attention.
- Eyes:** Flush eyes out copious amounts of tap water for at least 15 minutes, while holding the eyelids open. Refer for medical attention.
- Ingestions:** If water diluted mixture has been swallowed, induce vomiting by tickling the back of the throat. If concentrate has been swallowed, firstly administer copious quantities of either beaten egg white, starch solution or Milk of Magnesia before inducing vomiting. Repeat until vomit fluid is clear and free from the smell of poison. Administer artificial respiration or closed chest cardiac massage if necessary. Never give anything by mouth to an unconscious person. Do not apply direct mouth to mouth respiration. Refer for medical attention.

NOTE TO PHYSICIAN:

Product may inhibit Acetyl Cholinesterase activity. Administer Atropine sulphate, intravenously (1 – 4 mg) every 5 – 10 minutes until signs of atropinization (dry flushed skin and tachycardia). 2-PAM 50 mg/kg up to total dose of 1 – 2 g or ⅓ of this dose of Protopam. Repeat if necessary. **Do not give morphine.** Clear chest by postural drainage. Artificial respiration or oxygen administration may be necessary.

RESISTANCE WARNING:

For resistance management purposes **MALASPRAY** is classified as a Group Code 1B insecticide. Any insect population may contain individuals naturally resistant **MALASPRAY** and other Group Code 1B insecticides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly.

MALASPRAY or any other Group 1B insecticide may not control these resistant insects. To delay insecticide resistance:

- Avoid exclusive repeated use of insecticides from the same insecticide Group Code.
- Alternate or tank mix with products from different insecticide Group Codes,
- Integrate other control methods (chemical, cultural, biological) into insect control programmes.

For specific information on resistance management, contact AVIMA (Pty) Ltd.

DIRECTIONS FOR USE: Use only as indicated.

| CROP | PEST | DOSAGE / 10 l | METHOD OF APPLICATION |
|--|------------|---------------|--|
| ORNAMENTALS & FLOWERS BANANAS PEACHES APRICOTS PLUMS PAPAYAS TOMATOES BEANS | Aphids | 12,5 ml | Start spraying when insects are noticed and repeat when necessary as a full cover spray. |
| GRANADILLAS | Mealy bugs | 25 ml | Full cover spray. |

| CROP | PEST | DOSAGE / 10 ℓ | METHOD OF APPLICATION |
|---|--------------------------|---|---|
| ORNAMENTALS & FLOWERS GUAVAS CITRUS | Mealy bugs | 12,5 mℓ | Full cover spray. |
| GRANADILLAS AVOCADOES GUAVAS | Scale | 25 mℓ | Full cover spray. |
| CITRUS | Scale | 30 mℓ | Full cover spray. |
| GRANADILLAS BANANAS ONIONS AVOCADOES ORNAMENTALS & FLOWERS TOMATOES | Thrips | 17,5 mℓ | Full cover spray. |
| ORNAMENTALS & FLOWERS BEANS | CMR beetles | 25 mℓ | Apply when insects are noticed. |
| ORNAMENTALS & FLOWERS | Grasshoppers Crickets | 25 mℓ | Apply when insects are noticed. |
| LAWNS | Lawn caterpillars | 25 mℓ | Apply when insects are noticed. |
| ORNAMENTALS & FLOWERS | Astylus beetles | 12,5 mℓ | Apply when insects are noticed. |
| CRUCIFERAE | Diamondback moth | 25 mℓ | Apply when insects are noticed. |
| CUCURBITS | Lady birds | 12,5 mℓ | Full cover spray. Direct spray onto underside of foliage. Do not apply when plant surface is wet. |
| MUSHROOMS | Fungus gnats | 15 mℓ | Full cover spray. Repeat as necessary after picking. |
| ORCHARDS | Ant holes | 400 mℓ | Spot treatment: Spray infested soil thoroughly. |
| CUCURBITS GRANADILLAS | Pumpkin flies | 17,5 mℓ/10 ℓ + 0,8 kg sugar | Bait treatment: Apply at 35 – 40 ℓ/ha as a coarse droplet spray onto underside of foliage. |
| FRUIT | Fruit flies | 17,5 mℓ/10 ℓ + 0,8 kg sugar or 20 mℓ protein or 60 g fish oil | For small plots, repeat application twice per week. For large plots, repeat application weekly and after rain. |
| PUBLIC HEALTH | Flies Ants | 300 mℓ/10 ℓ | Coarse spray or brush onto surface. |