Read the label before opening the container. For full particulars, see enclosed leaflet.

**KEEP OUT OF REACH OF CHILDREN AND ANIMALS**

# FENTHION

South Africa Reg. No: L6430 Act No. 36 of 1947

IRAC INSECTICIDE GROUP CODE: 1B

An emulsifiable concentrate insecticide with contact and stomach action for use on pests and crops as listed

**ACTIVE INGREDIENT:**

Fenthion (organophosphate).....500g/ℓ

**Product Information: 072 678 8226**
**In case of poisoning: 082 446 8946**

## HAZARD STATEMENTS

- Flammable liquid and vapour.
- Harmful if swallowed.
- May be fatal if swallowed and enters airways.
- Harmful in contact with skin.
- Toxic if inhaled.
- Causes skin irritation.
- Causes serious eye damage.
- May cause respiratory irritation.
- May cause drowsiness or dizziness.
- Suspected of causing cancer.
- Suspected of causing genetic defects.
- Causes damage to organs through prolonged and repeated exposure.
- Very toxic to aquatic life with long lasting effects.



**DANGER**

## PRECAUTIONARY STATEMENTS

- Wash hands, forearms and face thoroughly after handling.
- Do not eat, drink, or smoke when using this product.

enviro™ bio-chem

**Registration holder: RT Chemicals C.C.**
**Co. Reg. No: CK87/21925/23**
44 Kerk Street, Lichtenburg NW, South-Africa
Tel: +27 12 006 0063 | Fax: +27 86 541 7948
Web: www.envirobiochem.co.za

Expiry Date:
Batch No:
Date of Manufacture:

**UN No. 1992**

**WARNINGS:**

- Do not apply later than 10 days before harvest of fruit crops, coffee and cucurbits
- Flammable liquid and vapour.
- Harmful if swallowed.
- May be fatal if swallowed and enters airways.
- Harmful in contact with skin.
- Toxic if inhaled.
- Causes skin irritation.
- Causes serious eye damage.
- May cause respiratory irritation.
- May cause drowsiness or dizziness.
- Suspected of causing cancer.
- Suspected of causing genetic defects.
- Causes damage to organs through prolonged and repeated exposure.
- Very toxic to aquatic life with long lasting effects.
- Toxic to bees and harmful to other animals.
- Store a cool place away from food and feedstuffs.
- Keep out of reach of children, uninformed persons and animals.
- Re-entry: Do not enter treated area within 1 day after treatment unless wearing protective clothing.
- FLAMMABLE – Do not store or handle near open flame.

**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 factors such as abnormal climatic and storage conditions, quality of dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of the pest to 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 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 event of any uncertainty.**

**PRECAUTIONS:**

- Do not handle until all safety precautions have been read and understood.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Do not breathe mist/vapours/spray.
- Wash hands, forearms, and face thoroughly after handling.
- If exposed or concerned: Get medical attention.
- Do not eat, drink, or smoke when using this product.
- Use only outdoors or in a well-ventilated area.
- Avoid release to the environment.
- Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles.
- Take off contaminated clothing and wash before reuse.
- Prevent drift of spray mist onto other crops, grazing, rivers, dams and areas not under treatment.
- Clean applicator after use and dispose of wash water where it will not contaminate crops, grazing, rivers or dams.
- Triple rinse empty container in the following manner: Invert the empty container over the spray or mixing tank and allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter, rinse the empty container three times with a volume of water equal to a minimum of 10% of that of the container. Add the rinsings to the content of the spray tank. Empty containers should be taken for local recycling or waste disposal. Do not re-use empty containers.
- Prevent contamination of foods, feedstuffs, eating utensils and drinking water.
- Collect spillage.
- Dispose of contents/container in accordance with local/regional/ national regulations.

**RELEVANT SUBSTANCES:**
Fenthion 50%
Solvesso 150 <45%
Calcium dodecylbenzenesylfonate <15%

**FIRST AID TREATMENT:**
INHALATION: Remove to fresh air and keep at rest in a position comfortable for breathing.
INGESTION: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.
SKIN CONTACT: (or hair) Take off immediately all contaminated clothing. Rinse skin with water [shower]. If skin irritation occurs: Get medical advice/attention.
EYE CONTACT: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

**RESISTANCE WARNING:**
For resistance management, **FENTHION** is a **group code 1B** insecticide. Any insect population may contain individuals naturally resistant to **FENTHION** and other **group code 1B** insecticides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly. These resistant insects may not be controlled by **FENTHION** or any other **group code 1B** insecticide.
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 the registration holder of this product.

**DIRECTIONS FOR USE:** **Use only as directed.**
For effective fruit fly control, trees and especially the fruit must be thoroughly wetted with spray mixture.

| CROP/PEST | DOSAGE | REMARKS |
|---|---|---|
| **Mangoes**<br>Fruit flies | 100mℓ/100ℓ water | Apply two full cover sprays at 20 days and 10 days before harvest. Use a surfactant to improve spray coverage. |
| Weevil | 100mℓ/100ℓ water | Apply as a cover spray directed at the fruit when egg laying has taken place - late October to early November. Repeat after 14 days under heavy infestation pressure. |
| Orchard sanitation is very important in the control of pests. Fallen, rotten fruit and seeds must be collected and destroyed. | | |
| **Guavas**<br>Fruit flies | 100mℓ/100ℓ water | Apply twice with the first application 4 weeks and the second 10 days prior to harvest. In areas with warm winter periods and where fruit fly activity occurs, all fruit should be picked and trees sprayed thoroughly after harvest. Follow up with a spray 3 to 4 weeks later. The addition of a wetting agent is advisable. |
| **Cucurbits**<br>(Cucumbers, Gem squashes, Pumpkins etc.)<br>Pumpkin flies | 120mℓ/100ℓ water | Apply as a full cover spray in a programme from flowering onwards at 2 to 3 week intervals. Ensure thorough wetting of the fruit. |
| Aphids | 100mℓ/100ℓ water | Apply at the first sign of infestation. Repeat if necessary. |

| CROP/PEST | DOSAGE | REMARKS |
|---|---|---|
| **Apples, Pears & Peaches**<br>Bryobia mite | 100mℓ/100ℓ water | Apply as soon as infestation is noticed. Repeat if necessary.<br>**Do not use on Doyenne du Comice, Josephine de Malines and Kieffer pear cultivars.** |
| **Apples & Pears**<br>Codling moth | 50mℓ/100ℓ water | Apply as a full cover spray. Commence application at 75 % petal fall. Repeat application every 2 to 3 weeks. **Do not use on Doyenne du Comice, Josephine de Malines and Kieffer pear cultivars.** |
| **Stone Fruit**<br>(Apricots, Peaches & Plums)<br>Fruit flies | 75mℓ/100ℓ water | **Single application:** Apply in areas where late infestations occur as a full cover spray 10 days before harvest.<br>**Double application:** Apply as a full cover spray in areas where early infestations occur and where early maturing cultivars are present 28 days and again 10 days prior to harvest.<br>**NOTE: Do not apply to Pucelle de Malines peaches and Alpha apricots.** |
| **Coffee**<br>Antestia bug | 75mℓ/100ℓ water | Apply before peak flowering stage and repeat 14 days later. |