

Read the label before opening the container.

For full particulars, see enclosed leaflet.

# Fenthion

South Africa Reg. No: L 6430 Act No. 36 of 1947

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

IRAC INSECTICIDE GROUP CODE: 1B

**ACTIVE INGREDIENT:**

FENTHION (organophosphate) .....500g/l

Product Information Tel no: 072 678 8226

In case of poisoning: 082 446 8946

[www.envirobiochem.co.za](http://www.envirobiochem.co.za)

Expiry Date:

Batch No:

Date of Manufacture:

**enviro**  
bio-chem

**Registration holder:**

RT Chemicals CC

Reg. No: CK87/21925/23

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Tel: +27 87 231 7261



HARMFUL  
SKADELIK



## **WARNINGS:**

- Do not apply later than 10 days before harvest of fruit crops, coffee and cucurbits.
- Handle with care.
- Harmful if swallowing, inhaled and by skin contact.
- Toxic to bees and harmful to aquatic organisms and other animals.
- Store in 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.
- In case of poisoning call a doctor and make this label available.

**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 inhale fumes or spray mist.
- Wear protective clothing (overall, rubber gloves and boots and face shield) when handling the concentrate and during application.
- After use and in case of accidental skin contact, wash thoroughly with soap and water.
- Do not eat, drink or smoke whilst mixing or applying or before washing hands and face and change of clothing.
- Wash contaminated clothing daily.
- 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 containers 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 container three times with a volume of water equal to a minimum of 10% of that of the container. Add the rinsings to the contents of the spray tank before destroying the container in the prescribed manner.
- Destroy empty container by perforation and flattening and never use for any other purpose.
- Prevent contamination of foods, feedstuffs, eating utensils and drinking water.

## **SYMPTOMS OF HUMAN POISONING:**

Headache, fatigue, faintness, dizziness, excessive sweating, nausea, abdominal pains, vomiting, diarrhea, tightness of chest, anxiety, blurred vision, muscle twitching beginning in the eyelids and tongue, small pupils, respiratory distress, convulsions, coma.

## **FIRST AID TREATMENT:**

Remove patient from the source of poisoning and keep him still and reassured. Never give anything by mouth to a semi-conscious or unconscious person. If vomiting occurs, take care to prevent vomit from being inhaled. Establish and maintain airway. Treat respiratory difficulty with artificial respiration and oxygen.

**EYES:** Flush eyes with copious amounts of water for at least 15 minutes.

**SKIN:** Remove contaminated clothing and shoes. Rinse contaminated body area thoroughly with plenty of soap and cold water. Do not rub skin.

## **FIRST AID TREATMENT:** Continued

**INHALATION:** Remove patient to fresh air. If breathing has stopped administer artificial respiration.

**INGESTION:** Do not induce vomiting, due to aromatic solvent present in product. **Obtain medical advice immediately and make the container, or label or Data Sheet available.**

### **NOTE TO PHYSICIAN:**

This product contains a cholinesterase inhibitor. Administer atropine sulfate intravenously and pralidoxime chloride or obi-doxime chloride. The dose and frequency of atropine varies with each patient, administer until atropinization is achieved. Signs of atropinization are dry, flushed skin, tachycardia and pulse rate of over 120 per minute.

Important Note: Morphine, phenothiazines, reserpine and theophylline are contraindicated in organophosphorous poisoning.

Avoid aminoglycosides and succinylcholine.

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