

Read the label before opening the container.

For full particulars, see enclosed leaflet.

# Cartap 500 SP

South Africa Reg. No: L 6797 Act No. 36 of 1947

A soluble powder, systemic and contact insecticide for the control of  
American leaf miner in tomatoes and potato leaf miner in potatoes.

IRAC INSECTICIDE GROUP CODE: 14

**ACTIVE INGREDIENT:**

Cartap hydrochloride  
(2-dimethyl aminopropane-1.3-dithiol).....500g/kg

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:

**UN No. 3077**

**enviro**  
bio-chem

**Registration holder:**

RT Chemicals CC

Reg. No: CK 87/21925/23

44 Kerk Street, Lichtenburg

North West, South Africa 2740

Tel: +27 87 231 7261



**HARMFUL  
SKADELIK**



## **WARNINGS:**

- Allow 7 days between last application and harvest of tomatoes.
- Handle with care.
- Harmful by swallowing.
- Toxic to fish, bees and other animals.
- **Re-entry:** Do not enter treated area within 1 day after treatment unless wearing protective clothing.
- Store in a cool place away from food and feedstuffs.
- Store in original container and keep tightly sealed.
- Keep out of reach of children, uninformed people and animals.
- In case of poisoning call a doctor and show him this label.

**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 soil, 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 further 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 insecticide fumes or spray mist.
- Wear protective clothing (overall, rubber boots and gloves and face shield) when handling soluble powder.
- Do not eat, drink or smoke whilst applying or mixing or before washing hands and face and change of clothing.
- Wash contaminated clothing daily.
- After use and in case of accidental skin contact, wash thoroughly with soap and water.
- Prevent drift of spray mist onto other crops, grazing, rivers, dams or 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:** Rinse the container three times with a volume of water equal to a minimum of 10% of that of the container. Add the rinsing to the contents of the spray tank before destroying the container in the prescribed manner. (Applicable to metal/plastic drums/bottles)
- Destroy empty container by perforation and flattening and never use for any other purpose. (Applicable to metal/plastic drums/bottles)
- Ensure that container is empty after contents was used. Shake container over the mixing or spray tank until empty. (Applicable to paper/plastic bags)
- Destroy empty container by perforation and never use for any other purpose. Dispose of in a responsible manner. (Applicable to paper/plastic bags)
- Prevent contamination of food, feedstuffs, eating utensils and drinking water.

## **RESISTANCE WARNING:**

For resistance management, **CARTAP 500 SP** is a **group code 14** insecticide. Any insect population may contain individuals naturally resistant to **CARTAP 500 SP** and other **group code 14** insecticides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly. These resistant insects may not be controlled by **CARTAP 500 SP** or any other **group code 14** insecticide.

To delay insecticide resistance:

- Avoid exclusive repeated use of insecticide from the same insecticide group code.
- Alternate or tank mix with products from different insecticide 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.

### **SYMPTOMS OF HUMAN POISONING:**

Nausea, trembling, salivation, dyspnoea (shortness of breath) and mydriasis (enlarged pupils).

### **FIRST AID TREATMENT:**

Remove patient from source of poisoning and keep him still and reassured.

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

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

**INHALATION:** Remove patient to fresh air. If breathing is difficult give oxygen. If patient is not breathing give artificial respiration.

**INGESTION:** Water diluted mixture: induce vomiting by tickling back of throat.

**Call a doctor immediately and show him this label.**

### **NOTE TO PHYSICIAN:**

**CARTAP 500 SP** is not a cholinesterase inhibitor.

Administer intravenous injection of 100 to 200mg/ℓ cysteine or intra muscular injection of 20 to 60mg BAL (dimercaprol).

### **DIRECTIONS FOR USE: Use only as directed.**

**CARTAP 500 SP** is susceptible to alkaline hydrolysis. It is therefore recommended that an acidifier/buffer such as **RT Buff** (Reg. No. L5777) is added to the spray water prior to mixing the required amount of **CARTAP 500 SP**.

<b>CROP/PEST</b>	<b>DOSAGE</b>	<b>REMARKS</b>
<b>Tomatoes</b> American leaf miner <i>Liriomyza trifolii</i>	400g/100ℓ water up to a maximum of 2kg/ha	<u>Nursery:</u> Apply as a full cover spray in a regular programme at 7 day intervals. Apply during the cool periods of the day. <u>Field:</u> Apply at first signs of infestation and repeat at 7 day intervals in a programme as a full cover spray.
<b>Potatoes</b> Potato leaf miner <i>Liriomyza huidobrensis</i>	400g/100ℓ water	Apply as a full cover spray at first signs of infestation. Repeat application every 7 days. Do not apply more than 2kg <b>CARTAP 500 SP</b> per hectare. Do not exceed recommended dosage rate as plant damage may occur at higher rates.