



SEIZER® 80 SC

Reg. no. L7580 Act/Wet 36 of/van 1947

**READ THE LABEL BEFORE USE
KEEP OUT OF REACH OF CHILDREN AND ANIMALS**

GROUP	3A	INSECTICIDE
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A suspension concentrate contact and stomach insecticide and acaricide for the control of red spider mite and European red mite and the simultaneous control of the banded fruit weevil and codling moth in apples and pears as well as insect pests in domestic and industrial premises as indicated.	'n Suspensiekonsentraat kontak- en maag-insek- en mytdoder vir die beheer van rooispinmyt en Europese rooimyt en gelyktydige beheer van die gebande vrugtekalanders en kodlingmot in appels en pere asook insekplae soos aangedui in huishoudings en industriële gebiede.
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  DANGER	<p>Hazard statements Harmful if swallowed. Toxic if inhaled. Very toxic to aquatic life with long lasting effects.</p> <p>Precautionary statements Avoid release to the environment apart from the intended use. Avoid breathing dust/fume/gas/mist/vapours or spray.</p>
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ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL

Bifenthrin (pyrethroid)..... 80 g/L Bifentrien (piretroïed)

NET VOLUME/NETTO VOLUME

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REGISTRATION HOLDER/REGISTRASIEHOUER

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IN CASE OF POISONING, CALL THE FOLLOWING NUMBERS:

Griffon Poison Information Centre:
 +27 82 446 8946 or
 Tygerberg Poison Information Centre:
 +27 861 555 777

EMERGENCY NUMBER:

SPILL TECH: +27 86 100 6366 or +27 83 253 6618

Batch number
 Date of manufacture
 Expiry date

UN no.: 3352

Lotnommer
 Datum van vervaardiging
 Vervaldatum



GHS information

WARNINGS

- Harmful if swallowed.
- Toxic if inhaled.
- Very toxic to aquatic life with long lasting effects.

Withholding periods (minimum number of days between last application and harvest.):

Apples and pears 60 days

Export fruit: When the product is used according to the label recommendations the local (maximum residue levels (MRLs) will not be exceeded. ADAMA South Africa (Pty) Ltd cannot be held responsible for export crop exceeding the import tolerances of other countries. The local export marketing bodies must be consulted for further information.

- Handle with care.
- Harmful by skin contact.
- Could be irritating to skin and eyes.
- Toxic to bees, fish, other aquatic organisms and wildlife.
- Store in a cool, dry place away from food and feedstuffs.
- **Re-entry interval:** Do not enter treated areas within 1 day after application unless wearing protective clothing.
- In case of poisoning call a doctor and show him/her 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 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, and the environment or harm to humans or animals, 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 the event of any uncertainty.

PRECAUTIONS

- Read label before use.
- Keep out of reach of children.
- If medical advice is needed, have product container or label at hand.
- Do not eat, drink, or smoke when using this product.
- Avoid breathing dust/fume/gas/mist/vapours/spray.

- Wash face, hands and any exposed skin thoroughly after handling.
- Use only outdoors or in a well-ventilated area.
- Avoid release to the environment.
- IF SWALLOWED: Get medical help. Rinse mouth.
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get emergency medical help immediately. Specific treatment (see supplemental first aid instructions on this label).
- Store locked up, in a well-ventilated place. Keep container tightly closed.
- Collect spillage.
- Dispose of contents/ container to an approved waste disposal plant.

- Wear rubber gloves and face shield when handling the concentrate. If you get it in your eyes, flush it out at once. If you get it on your skin, wash it off at once. If you get it on your clothes, change and wash them.
- Change and wash your work clothes. Wash yourself.
- Avoid spray drift onto other crops, grazing, rivers, dams and areas not under treatment.
- Clean applicator thoroughly after use and dispose of wash water where it will not contaminate crops, grazing, rivers or dams.
- Invert the empty container over the spray 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 of at least 10% to that of the container. Add the rinsings to the contents of the spray tank before destroying the empty container.
- Destroy empty container by perforation and flattening and do not use for any other purpose.
- Prevent contamination of food, feedstuffs, drinking water and eating utensils.

RELEVANT SUBSTANCES

Chemical name	w/w %	CAS no.
Bifenthrin	<10%	82657-04-3

FIRST AID

In case of an accident or unwellness, seek medical help immediately. If possible, show the label (directions for use) or this SDS.

Take the container label or product name with you when seeking medical attention.

Eye contact: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

Skin contact: Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Consult a physician if necessary.



Inhalation: Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Call a physician.

Ingestion: Rinse mouth. Drink plenty of water. Get medical attention immediately if symptoms occur.

TOXICOLOGICAL INFORMATION

Note to physicians

Treat symptomatically.

Symptoms of human poisoning

None known.

NOTICE TO THE USER: This agricultural remedy is to be used only according to the directions of this label. It is an offense under the Act to use this product inconsistent with the directions on the label.

RESISTANCE WARNING

For the purpose of resistance management, **SEIZER® 80 SC** is classified as a group code 3A insecticide. Any insect population may contain individuals naturally resistant to **SEIZER® 80 SC** and other group code 3A insecticides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly. These resistant insects may not be controlled by **SEIZER® 80 SC** or any other group code 3A 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 the control methods (chemical, cultural, biological) into insect control programmes.

For specific information on resistance management contact the registration holder of this product.

Note: **Do not** apply more than two applications per growing season. If a pyrethroid gives poor performance **do not** re-spray with any synthetic pyrethroid, even at a corrective dosage rate. Use a product from a different chemical group.

MODE OF ACTION

3A: Sodium channel modulators – Keep sodium channels open, causing hyperexcitation and, in some cases, nerve block. Sodium channels are involved in the propagation of action potentials along nerve axons.

DIRECTIONS FOR USE

Use only as indicated.

SEIZER® 80 SC can be used for the control of agricultural pests as indicated as well as indoors and outdoors for the control of American and German cockroaches, fleas and brown house ants.

Compatibility

SEIZER® 80 SC can be mixed with **DOMINION® 350 SC** at the directed rates.

Mixing instructions

1. For use on crops

Half fill the spray tank with clean water. Pre-mix the required volume of **SEIZER® 80 SC** separately with water and add to the spray tank while agitating. While agitating fill the spray tank with water to the required volume. Ensure constant effective agitation during mixing and application.

2. For use on domestic and industrial premises and animal dwellings

Shake the concentrate well before use. Half fill the applicator with water. Add the required volume of **SEIZER® 80 SC** to the applicator while agitating. Fill the applicator with water to the required mark while agitating continuously.

APPLICATION

In crops, **SEIZER® 80 SC** can be applied by means of any correctly calibrated high volume applicator that is fitted with an efficient agitation system and is able to distribute the spray mixture evenly over the target area.

In domestic and industrial premises and animal dwellings, **SEIZER® 80 SC** can be applied with a suitable sprayer that is able to distribute the spray mixture evenly and effectively over the target area.

APPLICATION RATES

CROP AND TARGET	DOSAGE	REMARKS
Apples and pears Red spider mite <i>(Tetranychus urticae)</i> European red mite <i>(Panonychus ulmi)</i>	37.5 ml/100 L water OR 1.125–1.875 L/ha	Apply as a full cover spray at 3000 L to 5000 L spray mixture/ha as soon as 1 to 2 mites per leaf are noticed. Weevils and codling moth will also be controlled. Do not exceed two sprays per season. Refer to “ WARNINGS ” regarding the withholding period, particularly concerning export fruit, as well as “ RESISTANCE WARNING ”.
Domestic and industrial premises and animal dwellings Cockroaches	10 ml/1 L water	Apply as a coarse spray or with a paint brush at the following rates: <ul style="list-style-type: none"> • 50 ml spray mixture/m² on glass surfaces. • 75 ml spray mixture/m² on wood and painted wood surfaces. • 100 ml/m² on cement surfaces.

CROP AND TARGET	DOSAGE	REMARKS
Fleas	10 ml/1 L water	Apply to just before the point of runoff which will vary with the nature of surface being treated. Treat skirtings, walls, and cupboards, around electrical appliances or wherever insects are seen. Pay special attention to cracks and crevices.
Brown house ants (<i>Pheidole megacephala</i>)	120 ml/10 L water	<p>Apply as a coarse spray or with a paint brush at the following rates:</p> <ul style="list-style-type: none"> • 75 ml spray mixture/m² on wood surfaces for control of ants. • 50 ml spray mixture/m² on glass surfaces and 100 ml/m² on cement surfaces for knockdown and suppression of ants.