



# SEIZER<sup>®</sup> 80 SC

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

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 vrugtekalander en kodlingmot in appels en pere asook insekplae soos aangedui in huishoudings en industriële gebiede.

**IRAC INSECTICIDE GROUP CODE**

**3A**

**IRAC INSEKDODER GROEPKODE**

**ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL**

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

**NET VOLUME/NETTO VOLUME**

..... l

**REGISTRATION HOLDER/REGISTRASIEHOUER**

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**SEIZER<sup>®</sup> is the registered trademark of a company of the ADAMA GROUP.  
SEIZER<sup>®</sup> is die geregistreerde handelsmerk van 'n maatskappy van die ADAMA GROEP.**

**CONTACT IN EMERGENCY/KONTAK IN NOOD**

Griffon Poison Information Centre: +27 82 446 8946

Tygerberg Poison Information Centre: +27 861 555 777

Batch number .....  
Date of manufacture .....

Lotnommer .....  
Datum van vervaardiging .....

UN no.: 3352



## WARNINGS

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

**Apples and pears** ..... 60 days

**Export fruit:** The local maximum residue levels (MRLs) will not be exceeded if **SEIZER® 80 SC** is used according to the label instructions. However, ADAMA South Africa (Pty) Ltd cannot be held responsible if export MRLs are exceeded. The local export marketing bodies must be consulted regarding application timing, withholding periods and specific tolerances of countries that produce will be exported to.

- Handle with care.
- Harmful if swallowed, inhaled or by skin contact.
- 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.
- Keep out of reach of children, uninformed persons and animals.
- **Re-entry interval:** Do not enter treated field 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

- Avoid contact with and inhalation of the spray as much as you can.
- 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.
- Do not eat, drink or smoke when handling this product or before hands and face are washed.
- 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.

## **SYMPTOMS OF HUMAN POISONING**

May be irritating to mucous membranes, eyes and skin. Inhalation may cause coughing, shortness of breath, bronchospasm, chemical pneumonitis and lung edema. Ingestion may cause nausea, vomiting, stomach ache and diarrhea.

## **FIRST AID TREATMENT**

**Inhalation:** Remove victim to fresh air and keep him/her warm and at rest. If breathing is difficult give oxygen. If not breathing give artificial respiration. Get medical attention.

**Ingestion:** Do not induce vomiting. Wash out mouth with water. Get medical attention if necessary.

**Skin contact:** Take off contaminated clothing and wash off with plenty of cold water and soap. If necessary get medical attention.

**Eye contact:** Wash out with clean running water for at least 15 minutes. Get medical attention if necessary.

## **NOTE TO PHYSICIAN**

There is no specific antidote. If ingested perform gastric lavage and administer activated charcoal. Treat symptomatically and give supportive therapy.

## **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.

## **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
<b>Apples and pears</b> 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 “ <b>WARNINGS</b> ” regarding the withholding period, particularly concerning export fruit, as well as “ <b>RESISTANCE WARNING</b> ”.
<b>Domestic and industrial premises and animal dwellings</b>  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"><li>• 50 ml spray mixture/m<sup>2</sup> on glass surfaces.</li><li>• 75 ml spray mixture/m<sup>2</sup> on wood and painted wood surfaces.</li><li>• 100 ml/m<sup>2</sup> on cement surfaces.</li></ul>

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	Apply as a coarse spray or with a paint brush at the following rates: <ul style="list-style-type: none"> <li>• 75 ml spray mixture/m<sup>2</sup> on wood surfaces for control of ants.</li> <li>• 50 ml spray mixture/m<sup>2</sup> on glass surfaces and 100 ml/m<sup>2</sup> on cement surfaces for knockdown and suppression of ants.</li> </ul>

## WAARSKUWINGS

**Onthoudingsperiodes** (minimum aantal dae tussen laaste toediening en oes):

**Appels en pere** ..... 60 dae

**Uitvoergewasse:** Die plaaslike maksimum residuvlakke (MRV's) sal nie oorskry word nie indien **SEIZER® 80 SC** volgens etiketaanbevelings gebruik word. ADAMA South Africa (Pty) Ltd kan egter nie verantwoordelik gehou word indien uitvoer-MRV's oorskry sou word nie. Skakel die plaaslike uitvoerorganisasies rakende tyd van toediening, onthoudingsperiodes en spesifieke toleransievereistes van lande waarheen produkte uitgevoer gaan word.

- Hanteer versigtig.
- Skadelik deur inname, inaseming of velkontak.
- Irriterend vir vel en oë.
- Giftig vir bye, visse, ander waterlewe en natuurlewe.
- Berg in 'n koel, droë plek weg van voedsel en voer.
- Hou buite bereik van kinders, oningeligte persone en diere.
- **Herbetreding:** Moet nie die behandelde gebied binne 1 dag na toediening betree nie tensy beskermende klere gedra word.
- In geval van vergiftiging moet 'n geneesheer gekontak word en hierdie etiket aan hom/haar getoon word.

**Alhoewel hierdie middel omvattend onder 'n groot verskeidenheid toestande getoets is, waarborg die registrasiehouer nie dat dit onder alle toestande doeltreffend sal wees nie. Die werking en doeltreffendheid daarvan kan beïnvloed word deur faktore soos abnormale grond, klimaats- en bergingstoestande, kwaliteit van die verdunningswater, verenigbaarheid met ander stowwe wat nie op die etiket aangedui word nie en die voorkoms van weerstand van die plaag teen die betrokke middel sowel as die tyd en akkuraatheid van toediening. Verder aanvaar die registrasiehouer nie verantwoordelikheid vir skade aan gewasse, plantegroei en die omgewing of nadelige invloede op mense of diere of vir 'n gebrek aan prestasie van die betrokke middel as gevolg van versuim van die gebruiker om etiketaanwysings na te kom, of as gevolg van die ontstaan van toestande wat nie kragtens die registrasie voorsien kon word nie. Raadpleeg die verskaffer in die geval van enige onsekerheid.**

## VOORSORGMAATREËLS

- Vermy kontak met spuitnewel asook inaseming daarvan.
- Dra gesigskerm en rubberhandskoene wanneer konsentraat hanteer word. In geval van oogkontak moet oë dadelik uitgespoel word. Was dadelik met koue water en seep indien dit per ongeluk met vel in aanraking kom. Trek besoedelde klere uit en was dit.
- Werksklere moet verwissel en gewas word. Was uself.
- Moet nie eet, drink of rook gedurende vermenging of toediening of voordat hande en gesig gewas is nie.
- Verhoed wegdrywing van spuitnewel na ander gewasse, weiding, riviere, damme en gebiede wat nie behandel moet word nie.
- Maak spuitapparaat skoon na gebruik en gooi waswater weg waar dit nie gewasse, weiding, riviere of damme sal besoedel nie.

- Keer die leë houer om oor die spuit- of mengtenk en laat dit dreineer vir ten minste 30 sekondes nadat die vloeï tot 'n gedrup verander het. Spoel die leë houer daarna drie keer uit met 'n volume water gelykstaande aan minstens 10 % van die volume van die houer. Gooi die spoelwater in die meng- of spuitenk voor die leë houer vernietig word.
- Vernietig leë houer deur gate in te maak en plat te slaan. Moet nooit leë houer vir enige ander doeleindes gebruik nie.
- Voorkom besoedeling van voedsel, voer, drinkwater en eetgerei.

## SIMPTOME VAN MENSlike VERGIFTIGING

Mag irritasie van slymvliese, vel en oë veroorsaak. Inaseming kan hoes, kortasem, brongiale spasmas, chemiese longontsteking en longedeem veroorsaak. Inname mag mislikheid, braking, maagpyn en diarree veroorsaak.

## NOODHULPBEHANDELING

**Inaseming:** Verwyder pasiënt na vars lug en hou hom/haar warm en rustig. Indien asemhalingsnood voorkom moet suurstof toegedien word. Indien asemhaling staak moet kunsmatige asemhaling toegepas word. Kry mediese hulp.

**Inname:** Moet nie braking induseer nie. Was mond uit met water. Indien nodig kry mediese hulp.

**Velkontak:** Trek besoedelde klere uit en was af met groot hoeveelhede water en seep. Indien nodig kry mediese hulp.

**Oogkontak:** Was uit met skoon lopende water vir ten minste 15 minute. Indien nodig kry mediese hulp.

## NOTA AAN GENEESHEER

Geen spesifieke teenmiddel is beskikbaar nie. Indien ingesluk moet maag uitgespoel word en geaktiveerde koolstof toegedien word. Behandel simptome met ondersteunende terapie.

## WEERSTANDSWAARSKUWING

Vir die doel van weerstandsbestuur, is **SEIZER® 80 SC** as 'n groepkode 3A insekdoder geklassifiseer. Enige insekbevolking mag individue bevat wat 'n natuurlike weerstand teen **SEIZER® 80 SC** en ander groepkode 3A insekdoders het. Die weerstandbiedende individue kan uiteindelik die insekbevolking oorheers as hierdie insekdoders herhaaldelik gebruik word. Hierdie weerstandbiedende insekte mag dalk nie deur **SEIZER® 80 SC** of ander groepkode 3A insekdoders beheer word nie.

Om insekweerstand te vertraag:

- Vermyn die uitsluitlike herhaalde gebruik van insekdoders van dieselfde insekdodergroepkode. Wissel af, of gebruik in tenkmengsels met middels van ander groepcodes.
- Integreer beheermetodes (chemiese, bewerking, biologies) in insekbeheerprogramme.

Vir meer spesifieke inligting rakende weerstandsbestuur, skakel die registrasiehouer van hierdie produk.

**Nota: Moet nie** meer as twee toedienings per groeiseisoen toedien nie. Indien swak beheer met 'n piretroïd verkry is, **moet nie** herbespuit met 'n ander sintetiese piretroïd nie, nie eens teen 'n korrektiewe dosis nie. Gebruik 'n produk van 'n ander chemiese groep.

## GEBRUIKSAANWYSINGS

Gebruik slegs soos aangedui.

**SEIZER® 80 SC** kan vir die beheer van landbouplae soos aangedui gebruik word asook die binne- en buitekant van geboue vir die beheer van Amerikaanse en Duitse kakkerlakke, vlooië en bruin huismiere.

### Verenigbaarheid

**SEIZER® 80 SC** kan met **DOMINION® 350 SC** teen die voorgeskrewe dosisse gemeng word.

### Menginstruksies

#### 1. Vir gebruik op gewasse

Vul die spuittenk half vol met skoon water. Meng die benodigde volume **SEIZER® 80 SC** vooraf met water en voeg dit in die spuittenk by terwyl dit geroer word. Vul die spuittenk, terwyl daar voortdurend geroer word, met water tot die verlangde volume. Maak seker dat konstante en effektiewe roering plaasvind gedurende meng en toediening.

#### 2. Vir gebruik op huishoudelike en industriële persele asook woonplekke van diere

Skud die konsentraat deeglik voor gebruik. Vul die toediener half met water. Voeg die verlangde volume **SEIZER® 80 SC** in die toediener terwyl geroer word. Vul die toediener tot die verlangde vlak terwyl aanhoudend geroer word.

## TOEDIENING

In gewasse kan **SEIZER® 80 SC** met enige toediener toegedien word wat korrek gekalibreer is, 'n doeltreffende roersistiem het en in staat is om die spuitmengsel eweredig oor die teikengebied te versprei.

**SEIZER® 80 SC** kan in huishoudelike en industriële persele asook woonplekke van diere toegedien word met 'n geskikte spuitapparaat wat die spuitmengsel eweredig en effektief oor die teikengebied sal versprei.

## TOEDIENINGSHOEVEELHEDE

GEWAS EN TEIKEN	DOSIS	OPMERKINGS
<b>Appels en pere</b> Rooispinmyt ( <i>Tetranychus urticae</i> ) Europese rooimyt ( <i>Panonychus ulmi</i> )	37.5 ml/100 L water OF 1.125–1.875 L/ha	Dien as 'n volle deктоediening toe teen 3000 L tot 5000 L spuitmengsel/ha sodra 1 tot 2 myte per blaar voorkom. Gebande vrugtekalander en kodlingmot sal ook beheer word. Moet nie meer as twee keer per seisoen toedien nie.  Verwys ook na die “ <b>WAARSKUWINGS</b> ” vir die onthoudings-periode, spesifiek wat betref uitvoer- vrugte, asook na die “ <b>WEERSTANDSWAARSKUWING</b> ”.



GEWAS EN TEIKEN	DOSIS	OPMERKINGS
<p><b>Huishoudelike en industriële persele en dierewoonplekke</b></p> <p>Kakkerlakke</p> <p>Vlooie</p> <p>Bruin huismiere (<i>Pheidole megacephala</i>)</p>	<p>10 ml/1 L water</p> <p>10 ml/1 L water</p> <p>120 ml/10 L water</p>	<p>Dien toe as 'n growwe druppeltoediening of met 'n verfkwas teen die volgende hoeveelhede:</p> <ul style="list-style-type: none"> <li>• 50 ml spuitmengsel/m<sup>2</sup> op glasoppervlakke.</li> <li>• 75 ml spuitmengsel/m<sup>2</sup> op hout- en geverfde houtoppervlakke.</li> <li>• 100 ml/m<sup>2</sup> op sementoppervlakke.</li> </ul> <p>Dien toe tot net voor afloop, wat sal afhang van die aard van die oppervlakke wat behandel gaan word. Behandel lyste, mure, kaste, rondom elektriese toerusting en orals waar insekte voorkom. Gee spesiale aandag aan krake en skeure.</p> <p>Dien toe as 'n growwe druppeltoediening of met 'n verfkwas teen die volgende hoeveelhede:</p> <ul style="list-style-type: none"> <li>• 75 ml spuitmengsel/m<sup>2</sup> op houtoppervlakte vir beheer van miere.</li> <li>• 50 ml spuitmengsel/m<sup>2</sup> op glasoppervlakke en 100 ml/m<sup>2</sup> op sementoppervlakke vir die uitklop en onderdrukking van miere.</li> </ul>