

BEFORE USING THIS PRODUCT READ THE LABEL CAREFULLY!

SHAKE THE BOTTLE WELL BEFORE USE.

Fungicide



SWIFT 250 SC

Reg. No. L 10613 Act/Wet No. 36 of/van 1947

1: 28/3/2019 – Mar2019

A suspension concentrate, systemic action fungicide for the preventative control of diseases in crops as listed.

'n Suspensie konsentraat, sistemiese aksie swamdoder vir die voorkomende beheer van siektes in gewasse soos aangedui.

ACTIVE INGREDIENTS / AKTIEWE BESTANDEDELE

prothioconazole (triazole)	100 g/l	protiokonasool (triasool)
epoxiconazole (triazole)	150 g/l	epoksikonasool (triasool)

FRAC FUNGICIDE GROUP CODE **3** FRAC SWAMDODER GROEPKODE



villa

Registration holder / Registrasiehouer:
Universal Crop Protection (Pty) Ltd.
Co. Reg. No. / Mpy. Reg. Nr. 1983/008184/07
PO Box / Posbus 801, Kempton Park, 1620
Tel: 011 396 2233
Website / Webblad: www.villacrop.co.za

UN Number: 3082



HARMFUL
SKADELIK

Willow Set & Print 011 394-4486



GEBRUIKSAANWYSINGS INGESLUIT

VERWYS NA BESONDERHEDE
GEDRUK OP HOUER/SAK

Date formulated:
Formuleringsdatum:

DIRECTIONS FOR USE ENCLOSED
REFER TO DETAILS PRINTED
ON CONTAINER/BAG
Batch number:
Lotnummer:

SWIFT 250 SC

Reg. No. L 10613 Act/Wet No. 36 of/van 1947

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ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL:

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 epoxiconazole (triazole) / epoksikonasool (triasool) 150 g/l

Registration holder / Registrasiehouer:

UNIVERSAL CROP PROTECTION (PTY) LTD.

Co. Reg. No. 1983/008184/07 Mpy. Reg. Nr.

P.O. Box / Posbus 801, KEMPTON PARK, 1620

Tel. (011) 396 2233

HARMFUL**SKADELIK****WARNINGS****Withholding periods:**

Minimum time between the last application and harvest:	
Wheat (Do not graze fields treated with SWIFT 250 SC)	60 days

- Handle with care.
- May be harmful if inhaled, absorbed through skin or swallowed.
- Toxic to fish and other aquatic life with long lasting effects.
- Do not spray over or allow drift to contaminate adjacent areas of water.
- Notify all inhabitants of the immediate area to be sprayed and issue the necessary warnings. Do not spray over or allow drift to contaminate adjacent areas or crops.
- Store away from food, feeds, seed, fertilizers and other agricultural chemicals.
- Store in a cool, dry, well-ventilated place in the original container, tightly closed and secured.
- Keep out of reach of children, uninformed persons and animals.
- Re-entry: Do not enter treated area until spray deposit has dried unless wearing protective clothing.

Aerial application:

Notify all inhabitants in the immediate vicinity of the lands to be sprayed and issue the necessary warnings. Do not spray over or allow drift to contaminate water or adjacent areas.

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 disease against 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 the event of any uncertainty.

PRECAUTIONS

- Avoid inhalation of the spray mist.
- Avoid contact of product with skin and eyes.
- Wear a face shield and chemically resistant gloves when handling the concentrate and during mixing.
- Wash with water and a non-abrasive soap after use or accidental skin contact.
- In case of eye contact, immediately flush the eyes with clean, cold water for at least 15 to 20 minutes, holding the eyelid(s) open. If irritation persists, seek medical advice.
- Do not handle until all the safety precautions have been read and understood. May damage fertility or the unborn child. If exposed or concerned, seek medical attention.
- Wash contaminated clothes daily after use.
- Do not eat, drink or smoke whilst applying or mixing, or before washing hands and face or change of clothing.

- Prevent spray drift onto other crops, grazing, rivers, dams or areas not under treatment.
- Clean the spraying equipment directly after use and dispose of wash water where it will not contaminate food, grazing, boreholes, rivers or dams.
- **TRIPLE RINSE** empty containers in the following manner: Invert the empty container over the spray or mixing tank and allow draining 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 third of that of the container. Add the rinsing to the contents of the spray tank before destroying the container in the prescribed manner.
- Destroy the container by perforation and flattening. The container may be taken to a certified waste disposal site or incineration plant. Where possible, recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations.
- **Never** re-use the empty container for any other purpose.
- Prevent contamination of food, feeds, drinking water and eating utensils.

FIRST AID TREATMENT

- **Inhalation:** Remove person from contaminated area to fresh air and assist breathing as needed. Seek medical attention immediately.
- **Skin contact:** Remove contaminated clothing and shoes. Gently wipe of excess chemical. Wash skin gently and thoroughly with water and non-abrasive soap. If irritation persists, obtain medical attention.
- **Eye contact:** Immediately flush eyes with clean water for at least 15 to 20 minutes. Lift eyelid (s) to facilitate irrigation. If present, remove contact lenses after 5 minutes and continue rinsing. Seek medical attention if irritation persists.
- **Ingestion:** **Seek medical attention immediately. Do NOT** induce vomiting unless instructed to do so by a poison control centre or doctor. If the person is alert, rinse mouth thoroughly with water. Do not give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN

There is no specific antidote available. Activated charcoal or sodium sulphate may be applied. Treat symptomatically and supportively. If large amounts have been ingested, gastric lavage may be considered within 2 hours of consumption.

RESISTANCE WARNING

SWIFT 250 SC is a Group Code 3 fungicide. Any fungus population may contain individuals naturally resistant to **SWIFT 250 SC** and other Group Code 3 fungicides. The resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **SWIFT 250 SC** or any other Group Code 3 fungicide.

To delay fungicide resistance:

- avoid exclusive repeated use of fungicides from the same fungicide group code. Alternate or tank mix with products from different fungicide group codes,
- integrate other control methods (chemical, cultural, biological) into disease control programmes.

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

MODE OF ACTION

SWIFT 250 SC is a suspension concentrate formulation with preventative, curative and limited eradicated activity. It functions by inhibiting sterol demethylation in the targeted fungus, which thereby affects ergosterol biosynthesis.

DIRECTIONS FOR USE: Only use as directed.

Compatibility:

- **SWIFT 250 SC** is compatible with the adjuvant **Link**.
- The compatibility of **SWIFT 250 SC** in tank mixtures with other products has not been confirmed and can be influenced by the formulations involved, as well as the water quality.
- A physical compatibility test of all products involved is recommended, before application, as formulations can be altered and water quality can vary from area to area.
- Always consult the labels of products to be tank mixed with **SWIFT 250 SC**.

Mixing instructions:

- **Shake the container well before use. Replace cap directly after use.**
- Fill the spray tank to half of the desired volume with clean water and ensure continuous agitation.
- Add the required quantity of **SWIFT 250 SC** to the mixing tank, while agitation is continued.
- Observe the following formulation mixing sequence if other products will be tank mixed with **SWIFT 250 SC**: buffer/acidifier; wettable powder or granules, suspension concentrate, emulsifiable concentrate, wetters. Pre-mix each product separately with a small volume of water before adding it to the spray tank. Thereafter fill the tank to the required volume with clean water while maintaining agitation, to ensure thorough mixing of the spray mixture, before application commences.
- Ensure continuous agitation during mixing and application.
- The spray mixture must be sprayed immediately after mixing. Prepared spray mixture must not be left in the spray tank for any length of time, e.g. overnight.

Application:

- Calibration: It is important to ensure that all application equipment is in good working order and correctly calibrated to apply the required spray volumes and dosage rate. Ensure good coverage by using the spray volumes as indicated.
- Rain: Repeat the application if rain falls within two (2) hours after application.

Aerial application:

Aerial application of **SWIFT 250 SC** may only be done by a registered aerial application operator using a correctly calibrated, registered aircraft according to the instructions of SANS Code 10118 (Aerial Application of Agricultural Pesticides). Ensure that the spray mixture is distributed evenly over the target area and that the loss of spray material during application is restricted to a minimum. It is therefore essential that the following criteria be met:

- Volume: A spray mixture volume of 30 to 40 litres per hectare is recommended. As this product has not been evaluated at a reduced volume rate, the registration holder cannot guarantee efficacy, or be held responsible for any adverse effects if this product is applied aerially at a lower volume rate than recommended above.
- Droplet coverage: 30 to 40 droplets per cm² must be recovered at the target area.
- Droplet size: A droplet spectrum with a VMD of 280 to 300 micron is recommended. Limit the production of fine droplets less than 150 micron (high drift and evaporation potential) to a minimum.
- Flying height: Maintain the height of the spray boom at 3 to 4 metres above the target. Do not spray when the aircraft is diving, climbing or when banking.
- Use suitable atomizing equipment that will produce the desired droplet size and coverage, but which will ensure the minimum loss of product. The spraying system must produce a droplet spectrum with the lowest possible Relative Span.
- Position all the atomizers within the inner 60 to 75 % of the wingspan to prevent droplets from entering the wingtip vortices.
- The difference in temperature between the wet and dry bulb thermometers, of a whirling hygrometer, should not exceed 8°C.
- Stop spraying if the wind speed exceeds 15 km per hour.
- Stop spraying under turbulent, unstable and dry conditions during the heat of the day.
- Spraying under temperature inversion conditions (spraying in or above the inversion layer) and/or high humidity conditions (relative humidity 80 % and above) may lead to the following:
 - a) reduced efficacy due to suspension and evaporation of small droplets in the air (inadequate coverage),
 - b) damage to other sensitive crops and/or non-target areas through drifting of the suspended spray cloud away from the target field.
- Ensure that the aerial spray operator knows exactly which fields to spray.

Obtain an assurance from the aerial spray operator that the above requirements will be met and that relevant data will be compiled in a logbook and kept for future reference.

APPLICATION RATES

Crop / Disease	Dosage rate	Remarks
Wheat Brown rust (<i>Puccinia triticina</i>)	700 ml / ha	The first application must be applied STRICTLY PREVENTATIVELY before any symptoms are noticed.
Eye spot (<i>Helgardia herpotrichoides</i>)	PLUS Link	Apply the first application at the 5-leaf stage . Apply a second application 3 to 4 weeks later .
Powdery mildew (<i>Brumeria graminis tritici</i>)	<u>Ground application:</u> 50 ml / 100 l water (0.05 % Link)	<u>Ground application:</u> Apply in 200 to 300 litres water per hectare.
Speckled leaf and Glume blotch (<i>Septoria</i> spp.)	<u>Aerial application:</u> 100 ml / 100 l water (0.1 % Link)	<u>Aerial application:</u> Apply in 30 to 40 litres water per hectare. Refer to “ Aerial application Instructions ” above.
Stem rust (<i>Puccinia graminis tritici</i>)		Do not graze fields treated with SWIFT 250 SC.

Consult the **Link label** for **USE RESTRICTIONS, WARNINGS (including RESISTANCE WARNINGS), PRECAUTIONS** and **DIRECTIONS FOR USE**.

The following product mentioned in this label can be replaced with the following equivalent product:

- **LINK** (L 8675) = **DIRECT** (L 8680) = **SOLWET** (L 8679).

LINK and/en **DIRECT** are registered products of / is geregistreerde produkte van
VILLA CROP PROTECTION (PTY) LTD.

SOLWET is a registered product of / is 'n geregistreerde produk van
SPECTRUM RESEARCH SERVICES.