

TOPGUARD 300 SC

SOUTH AFRICA Registration Number/Registrasie Nommer L9198, Act No. 36 of 1947/Wet 36 van 1947

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

GROUP/GROEP	3	FUNGICIDES	SWAMDODERS
A suspension concentrate systemic fungicide for the control of powdery mildew in table and wine grapes.		'n Suspensiekonsentraat sistemiese swamdoder vir die beheer van poeieragtige skimmel in tafel en wyn druiwe.	



HAZARD STATEMENTS:

Causes serious eye irritation.
Harmful if inhaled.
Suspected of damaging the unborn child.
Toxic to aquatic life with long lasting effects.



PRECAUTIONARY STATEMENTS:

Prevention:

Obtain special instructions before use.
Avoid breathing mist or vapors.
Avoid release to the environment.
Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.



Response:

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a **POISON CENTER/** doctor if you feel unwell.
Collect spillage.

WARNING

Active ingredient

Tebuconazole (triazole) – 225 g/L
Flutriafol (triazole) – 75 g/L

Aktiewe bestanddeel

Tebukonasool (triasool) – 225 g/L
flutriafol (triasool) – 75 g/L

Net Volume

5L

Netto Volume

REGISTRATION HOLDER/REGISTRASIEHOUER

FMC Chemicals (Pty) Ltd
Company Registration Number: 1988/001451/07
West End Office Park
Building C, Cnr West Ave & Hall Street
Centurion, 0014
Telephone number: +27 (76) 875 4432
www.ag.fmc.com/za/en

Batch Number

Date of Manufacture

Expiry Date

Printed on Container

Printed on Container

2 Years from manufacture

Lot Nommer

Datum van Vervaardiging

Vervaldatum

VN Number/VN Nommer

3082

For any emergency or poisoning contact: Griffon Poison Information Centre (24 hrs)
Vir enige noodgeval of vergiftiging kontak Griffon vergiftiging Inligtingsentrum (24 hr)

+27-(0)-82-446-8946

WARNINGS:

HAZARD STATEMENTS:

- Causes serious eye irritation.
- Harmful if inhaled.
- Suspected of damaging the unborn child.
- Toxic to aquatic life with long lasting effects.

WITHHOLDING PERIOD: Minimum time between last application and harvest

Table & Wine grapes 28 days

NOTE: This withholding period is based on local requirements for residue levels and may differ from other countries to which treated products may be exported. If a treated crop is intended for export consult with the importer or exporting body to confirm correct usage, acceptable withholding periods and maximum residue limits (MRL) for the importing country.

- Harmful if swallowed
- May cause eye and skin irritation
- Toxic to fish and other aquatic organisms
- Store in a cool place under lock and key away from food and feed
- Keep out of reach of children, uninformed persons and animal
- Re-entry interval: Do not enter treated area until spray deposit has dried unless wearing protective clothing

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 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:

PRECAUTIONARY STATEMENTS:

Prevention:

- Obtain special instructions before use.
- Avoid breathing mist or vapors.
- Avoid release to the environment.
- Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.

Response:

- **IF INHALED:** Remove person to fresh air and keep comfortable for breathing. Call a **POISON CENTER/** doctor if you feel unwell.
- Collect spillage.

HAZARDOUS INGREDIENTS:

Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

- Avoid contact with skin or eyes and inhalation of spray mist
- Do not eat, drink or smoke while handling this product.
- Prevent contamination of food, feed, drinking water and eating utensils.

For safety when mixing:

- Wear eye protection (face shield). If you get it in your eyes, flush it out at once.
- Wear rubber gloves. If you get it on your skin, wash it off at once.
- After any spill on clothes, change and wash them.
- 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.
- **TRIPLE RINSE** the empty container as follows: Invert the empty container over the spray or mixing tank and drain for at least 30 seconds after the flow has slowed down to dripping. Thereafter rinse the empty container three times in succession with one quarter of the container volume fresh water and decant the rinsate into the spray or mixing tank. Puncture the triple rinsed container and dispose of via an approved collector or recycler (www.croplife.co.za). Do not bury, burn or donate the container to any other parties that may use it as a container for food or beverages.

For safety when spraying:

- Do not inhale the spray mist.
- Avoid contact with the spray.
- Avoid spray drift onto other crops, grazing, rivers, dams and areas not under treatment.

For safety after spraying:

- Clean applicator thoroughly after use and dispose of wash water where it will not contaminate crops, grazing, rivers or dams.
- Wash out the container when empty. Do not use for any other purpose.
- Change and wash your work clothes.
- Wash yourself.

SYMPTOMS OF HUMAN POISONING:

In case of poisoning, call physician or Poison Control Centre immediately. Have patient lie down and keep quiet. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention. Symptoms include passivity, impaired mobility, shortness of breath, salivation, muscle spasms and increased body temperature.

FIRST AID

Skin contact: Rinse skin immediately with plenty of water for 15-20 minutes and remove contaminated clothing.. Call a doctor if irritation develops.

Eye splashes: Immediately flush with water or eyewash solution. Hold eyelids apart and pour in a gentle stream of water for 10 – 15 minutes until no evidence of chemical remains. If irritation persists go to a doctor.

If Inhaled: Move person to fresh air. Seek medical attention if discomfort does not disappear.

If TOPGUARD 300SC is swallowed do not make the person vomit. Rinse the patients mouth and give several glasses of water or milk. If vomiting occurs, rinse mouth and give several glasses of liquid again. Take person and the product label to a doctor at once.

MEDICAL TREATMENT: There is no specific antidote. Treatment is supportive and symptomatic. If gastric lavage is performed, take care to prevent aspiration of gastric contents. Consider administration of activated charcoal and a laxative.

RESISTANCE WARNING:

For resistance management, **TOPGUARD 300 SC** is a group code 3 (triazole) fungicide. Any fungal pathogen population may contain individuals naturally resistant to **TOPGUARD 300 SC** and other Group code 3 fungicides. The resistant individuals can eventually dominate the fungal population if these fungicides are used repeatedly and exclusively in programmes. These resistant fungal pathogens may not be controlled by **TOPGUARD 300 SC** or any other group code 3 fungicides.

To delay fungicide resistance:

- Avoid exclusive repeated use of fungicides from the same 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 your local agent or the registration holder of this product.

DIRECTIONS FOR USE: Use only as indicated.

Use restrictions:

The uptake and activity of a systemic product like **TOPGUARD 300 SC** will be reduced when applied to crops under severe stress conditions. Therefore, under such conditions, the application of **TOPGUARD 300 SC** should not be recommended. Do not apply **TOPGUARD 300 SC** more than **six times** to the same crop per season.

COMPATIBILITY:

The compatibility of **TOPGUARD 300 SC** can be influenced by the formulation of the other products, as well as the quality of the dilution water, therefore a physical compatibility test is always recommended before application. Tank mixtures should be agitated throughout the mixing and spraying operation. Tank mixtures should be applied immediately and not be left to stand for any length of time e.g. overnight.

MIXING INSTRUCTIONS:

Half fill the spray tank with clean water and start agitation. Shake the container well and add the required amount of **TOPGUARD 300 SC** to the spray tank whilst agitating, then fill the spray tank to the correct level. Do not allow the mixture to stand overnight.

APPLICATION:

High volume application guideline:

Use 250 ℓ to 1500 ℓ water / ha to ensure optimum spray coverage depending upon the growth stage and amount of foliage.

Recommendations

CROP / DISEASE	DOSAGE	REMARKS
GRAPES (Table & wine) Powdery mildew <i>(Oidium tuckeri / Uncinula necator)</i>	33 ml /100 ℓ water	Begin application when shoots are approximately 2.5cm long and apply as a full cover spray to the point of runoff. Repeat every 14 days. It is recommended to alternate sprays with registered non-DMI fungicides. Do not apply more than 6 sprays per season.

Note: **TOPGUARD 300 SC** can be alternated with registered formulations (such as sulphur) in a preventive spray programme. Consult the labels for full particulars. Do not alternate **TOPGUARD 300 SC** with any other triazole containing products.