

SPHINX[®] EXTRA WG

Reg. no. L9294 Act/Wet 36 of/van 1947

ONLY FOR AGRICULTURAL USE – SLEGS VIR LANDBOUGEBRUIK

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

GROUP	40 & M4	FUNGICIDE
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A preventive contact translaminar water dispersible granule fungicide for the control of downy mildew on table and wine grapes.	'n Voorkomende kontak en translaminêre waterdispergeerbare korrel swamdoder vir die beheer van donsige skimmel op tafel- en wyn-druive.
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 <p>DANGER</p>	<p>Hazard statements Causes serious eye irritation. Suspected of causing cancer. May damage fertility or the unborn child. Very toxic to aquatic life. Harmful to aquatic life with long lasting effects.</p> <p>Precautionary statements Wear protective gloves; protective clothing; eye protection and face protection. Avoid release to the environment.</p>
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ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL

dimethomorph (cinnamic acid amides)	113 g/kg dimetomorf (kinnamieksuuramied)
folpet (phthalimides)	600 g/kg folpet (ptalimied)

NET MASS/NETTO MASSA

..... kg

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

UN no.: 3077

Batch number

Date of Manufacture

Expiry date

Lotnommer

Datum van Vervaardiging

Vervaldatum



GHS information

WARNINGS

- Causes serious eye irritation.
- Suspected of causing cancer.
- May damage fertility or the unborn child.
- Very toxic to aquatic life.
- Harmful to aquatic life with long lasting effects.

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

Table and wine grapes 56 days

The local maximum residue levels (MRLs) will not be exceeded if **SPHINX® EXTRA WG** is used according to the label instructions. However, ADAMA South Africa (Pty.) Ltd. cannot be held responsible if MRLs of other countries are exceeded. Consult the local export marketing bodies regarding application timing, withholding periods and specific tolerances of countries where produce will be exported to.

- Handle with care.
- May cause sensitization by skin contact in sensitive individuals.
- Store in original container in a cool, dry, well-ventilated place away from direct sunlight.
- **SPHINX® EXTRA WG is registered strictly for agricultural use only, and NOT for any other use, such as residential gardens or other uses.**
- Store away from food, feedstuffs, seed and fertilizers.
- **Re-entry:** 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 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 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

- Keep out of reach of children.
- Obtain, read and follow all safety instructions before reuse.

- Wear protective gloves, protective clothing, and eye and face protection.
- Wash hands, face and any exposed skin thoroughly after handling. Do not touch eyes.
- Avoid release to the environment.
- If exposed or concerned get medical advice.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- If eye irritation persists: Get medical help.
- Store locked up.
- Collect spillage.
- Dispose of contents/container in accordance with national regulation.

- Avoid inhaling spray mist.
- Prepare and apply the spray mixture strictly in accordance with the instructions on the label.
- Wash hands, forearms and face and exposed skin (any body parts) with soap and cold water thoroughly after use and handling. Wash contaminated clothes daily.
- Do not eat, drink or smoke when using this product.
- Always wear personal protective equipment and clothing when mixing or applying the product such as coverall over basic clothing (double-layered clothing), chemical-resistant gloves and shoes (e.g. rubber boots), eye protection and face protection.
- Do not eat, drink or smoke while mixing, applying or before washing hands and face.
- Avoid drift of spray mist to other crops, grazing, rivers, dams and areas not under treatment.
- Clean spray equipment after use and dispose of wash water where it will not contaminate crops, grazing, rivers or dams.
- Shake all the pesticide formulation out of the bag into the spray or mixing tank. Turn the bag inside out. Hold the bag over the spray or mixing tank and rinse the bag with running water for thirty seconds. Shake the rinsate off into the tank. Repeat the rinsing twice. Cut the bag into pieces and dispose of via normal refuse disposal. Do not bury, burn or donate the bag any other parties that may use it as container for food stuffs.
- Prevent contamination of food, feed, drinking water and eating utensils.

RELEVANT SUBSTANCES

Chemical name	w/w %	CAS no.
Folpet	10 – 30%	133-07-3
Dimethomorph	>60%	110488-70-5
Benzenesulfonic acid, hydroxy-, polymer with formaldehyde, phenol and urea, sodium salt	<10%	102980-04-1

Alkyl naphthalenesulfonic acid, polymer with formaldehyde, sodium salt	<10%	68425-94-5
disodium maleate	<10%	371-47-1

FIRST AID

In case of accident or unwellness, seek medical advice immediately. Provide this label and SDS to medical personnel for treatment. Emergency personnel should wear protective clothing appropriate to the type and degree of contamination.

Immediately remove contaminated clothing and remove the affected person from the contamination area. Keep the person warm, calm and covered up. First Aid personnel should pay attention to their own safety.

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. Get medical attention immediately if symptoms occur.

Skin contact: Remove all contaminated clothing and shoes. Rinse the skin immediately with plenty of water for 15 to 20 minutes under the safety shower. Consult a physician if necessary.

Inhalation: Immediately remove the affected victim from exposure to an area with fresh air. If breathing is difficult have qualified personnel administer oxygen. If breathing has stopped, administer artificial respiration. Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a physician.

Ingestion: Call a poison control center or medical practitioner immediately for treatment advice. If conscious, rinse mouth thoroughly with water. Drink plenty of water. Never give anything by mouth to an unconscious or convulsing person. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in of vomit, rinse mouth and administer more water. Get medical attention immediately if symptoms occur.

TOXICOLOGICAL INFORMATION

Antidotes

None known. Treat symptomatically.

Symptoms of human poisoning

None known.

RESISTANCE WARNING

For the purpose of resistance management, **SPHINX® EXTRA WG** is classified as a mixture of FRAC group code 40 and M4 fungicides. Any fungus population may contain individuals naturally resistant to **SPHINX® EXTRA WG** and other group code 40 and M4 fungicides. The resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **SPHINX® EXTRA WG** or any other group code 40 and M4 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.
- For tank mixing or alternation with products in other fungicide group codes, refer to applicable individual product labels.
- Integrate the control methods (chemical, cultural, biological) into fungicide control programmes.

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

MODE OF ACTION

40: Cellulose synthase inhibitor which affects cell wall biosynthesis.

M4: Multi-site contact activity.

DIRECTIONS FOR USE

Use only as indicated.

NOTICE TO THE USER: This agricultural remedy is to be used only in 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.

USE RESTRICTIONS

- Apply **SPHINX® EXTRA WG** for agricultural use **ONLY**, and **NOT** for any other use, such as residential gardens or other uses.
- Adhere to re-entry intervals, namely enter only after applied product has dried off the treated crop and foliage.
- All personal hygiene instructions on the SDS and label must be followed.
- Always wear protective gloves, protective clothing, eye protection and face protection when mixing/loading or applying the product

Compatibility

It is advisable to always carry out a physical compatibility test prior to application when **SPHINX® EXTRA WG** is tank mixed with other pesticides.

General

SPHINX® EXTRA WG is a combination fungicide consisting of dimethomorph and folpet, and both with different modes of action. No cross resistance has been observed and it is improbable that it can be expected. Dimethomorph, a translaminar product with local systemic properties, disrupts fungal cell-wall formation, reduces re-infestation through its anti-sporulation activity and has also exhibited some curative activity. Folpet has a contact action and is therefore a protective fungicide.

It binds to the sulphur-hydrogen bonds and interferes with the respiration process. **SPHINX® EXTRA WG** is best applied as a prophylactic treatment.

Mixing instructions

Fill the spray tank with water up to three quarter level. Add the required volume of **SPHINX® EXTRA WG** to at least 10 L of water ensuring that all granules are dissolved before adding to the spray tank while agitating. When **SPHINX® EXTRA WG** is tank mixed with other products, first mix these products separately with water before it is added to spray tank. Refer to the labels of the products **SPHINX® EXTRA WG** is tank mixed and adhere to the label instructions. Fill the spray tank with water to the required level while continuously agitating. Do not allow tank mixture to settle or leave overnight.

APPLICATION

SPHINX® EXTRA WG can be applied by any suitable medium- or high-volume applicator, provided it is correctly calibrated, has efficient agitation mechanism and is able to distribute the spray mixture evenly over the target area.

Apply **SPHINX® EXTRA WG** in a protective spray program. **SPHINX® EXTRA WG** should be applied during early part of season when plants are actively growing and also to give protection to the flowering and fruit formation stages which are critical.

APPLICATION RATES

CROP AND TARGET	DOSAGE	REMARKS
Table and wine grapes Downy mildew <i>(Plasmopara viticola)</i>	200g/100 L water	Apply as a <u>preventative treatment</u> . Start first spray when shoots are 100 mm long and follow up with applications every 10 to 14 days, up to beginning of January. <u>Do not apply later than beginning of January</u> . NO APPLICATIONS SHOULD BE MADE TO TABLE GRAPES AFTER PEA-BERRY SIZE. SPHINX® EXTRA WG can also be applied in a protective programme with protective fungicides from different chemical groups.