



MERPAN[®] 50 SC

Reg. no. L5511 Act/Wet 36 of/van 1947
N-AR 0506

A suspension concentrate fungicide for the control of diseases in crops as indicated. 'n Suspensiekonsentraat swamdoder vir die beheer van siektes in gewasse soos aangedui.

FRAC FUNGICIDE GROUP CODE **M4** **FRAC SWAMDODER GROEPKODE**

ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL

Captab..... 500 g/LKaptab

NET VOLUME/NETTO VOLUME

..... L

REGISTRATION HOLDER/REGISTRASIEHOUER

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**MERPAN[®] is the registered trademark of a company of the ADAMA GROUP.
MERPAN[®] is die geregistreeerde 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.: 3082



**CAUTION
VERSIGTIG**



WARNINGS

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

Apples, pears and olives.....14 days

- Handle with care.
- Irritating to the eyes and mildly irritating to the skin.
- May cause sensitization by skin contact.
- Toxic to fish and wildlife.

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 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 the registration. Consult the supplier in the event of any uncertainty.

PRECAUTIONS

General

- Prevent contamination of food, feed, drinking water and eating utensils.
- Do not eat, drink or smoke whilst handling or applying, or before washing hands and face and changing clothing.
- Store away from food and feed, and keep out of reach of children and animals.

Safety during mixing

- Wear eye protection (at least spectacles). In the event of eye contamination, rinse immediately.
- Wear protective rubber gloves. In case of accidental skin contact, wash immediately.
- Wear protective clothing. In the event of spillage on clothes, undress and wash.
- Rinse empty container three times with a volume of water equal to a minimum of 10 % of that of the container. Add the rinsings to the contents of the spray tank before destroying the container.

Safety during application

- Avoid contact with the mist as much as possible.
- Do not breathe spray mist.
- Prevent spreading of spray mist to other crops, pastures, rivers, dams and areas which is not under treatment.

Safety after application

- Clean applicator thoroughly after use and dispose of wash water where it will not contaminate other crops, pastures, rivers and dams.
- Destroy empty container and do not use for any other purpose.
- Remove work clothes, wash yourself and wash clothes thoroughly.

DIRECTIONS FOR USE

Use only as indicated.

APPLICATION RATES

CROP AND DISEASE	DOSAGE	REMARKS
Apples and pears Scab (<i>Venturia inaequalis</i>)	150–200 ml/100 L water	<p>Commence at green tip stage and repeat at intervals of 7 days, up to one week after 75 % petal fall.</p> <p>Hereafter continue with another 3 to 4 sprays, depending on weather conditions, and at intervals of 10 to 14 days. The application intervals can also be modified by means of a recognised prediction model for the disease.</p> <p>Do not apply in combination with mineral oil or formulations containing mineral oil.</p> <p>Only apply in orchards that are not exposed to stress conditions. Restrict the use of sulphur with MERPAN® 50 SC to the period before flowering.</p> <p>NOTE: MERPAN® 50 SC may cause leaf spotting of Pearmain, Delicious, Cox and other sensitive apple cultivars.</p>
Olives Leaf spot (<i>Cycloconium oleaginum</i>)	200 ml/100 L water	Apply two high volume applications to the point of runoff. Apply one in spring before the new flush appears and then a second in autumn before the start of winter.
Tobacco seedbeds Anthracnose (<i>Colletotrichum destructivum</i>) Black root rot (<i>Thielaviopsis basicola</i>) Black shank (<i>Phytophthora nicotianae</i>) Damping-off (<i>Pythium, Fusarium and Rhizoctonia spp</i>)	200 ml/100 L water	Apply 15 L/10 m ² as a soil drench 3 weeks after germination and wash into the soil with 40 L of water. Repeat applications every 10–14 days until transplanting.

WAARSKUWINGS

Onthoudingsperiodes (Minimum aantal dae tussen laaste toediening en oes):

Appels, pere en olywe.....14 dae

- Hanteer uiters versigtig.
- Irriterend vir die oë en matig irriterend vir die vel.
- Mag sensitisering veroorsaak deur velkontak.
- Toksies vir visse en natuurlewe.

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

VOORSORGMAATREËLS

Algemeen

- Vermoë besoedeling van voedsel, voer, drinkwater en eetgerei.
- Moet nie eet, drink of rook tydens toediening of vermenging nie, of voordat gesig en hande gewas is nie.
- Berg weg van voedsel, drinkwater en voer, en hou buite bereik van kinders en diere.

Vir veiligheid tydens vermenging

- Dra oogbeskerming (ten minste 'n bril). Indien dit in u oë kom, spoel onmiddellik uit.
- Dra rubber handskoene. Indien dit op u vel kom, was dadelik af.
- Dra beskermende oorklere. Indien dit op u klere mors, trek uit en was.
- Spoel leë houer driekeer uit met 'n volume water gelykstaande aan 'n minimum van 10 % van die houer. Gooi die spoelwater by die inhoud van die spuittenk voordat die houer op die voorgeskrewe wyse vernietig word.

Vir veiligheid tydens bespuiting

- Vermoë kontak met die spuitstof sover moontlik.
- Moet nie die spuitnewel inasem nie.
- Vermoë oorwaai van die spuitnewel na ander gewasse, weiding, riviere, damme en gebiede wat nie onder behandeling is nie.

Vir veiligheid na bespuiting

- Maak spuitoerusting deeglik skoon na gebruik en gooi waswater waar dit nie gewasse, weiding, riviere of damme sal besoedel nie.
- Vernietig leë houer en moet dit nie vir enige ander doel gebruik nie.

- Trek werksklere uit, was uself en was werksklere deeglik.

GEBRUIKSAANWYSINGS

Gebruik slegs soos aangedui.

TOEDIENINGSHOEVEELHEDE

GEWAS EN SIEKTE	DOSIS	OPMERKINGS
<p>Appels en pere Skurfsiekte (<i>Venturia inaequalis</i>)</p>	150–200 ml/100 L water	<p>Begin by groenpuntstadium en herhaal met tussenposes van 7 dae tot en met een week na 75% blomblaarval.</p> <p>Gaan hierna voort met 'n verdere 3 tot 4 toedienings, afhangend van weerstoestand, en met tussenposes van 10 tot 14 dae. Die toedieningsintervalle kan ook aan die hand van 'n erkende voorspellingsmodel vir die siekte aangepas word.</p> <p>Moenie saam met minerale olie of formulasies wat minerale olie bevat, toedien nie. Beperk die gebruik van swael saam met MERPAN® 50 SC tot die voorblomperiode.</p> <p>Dien slegs in boorde toe wat nie aan stremmingstoestand blootgestel is nie.</p> <p>LET WEL: MERPAN® 50 SC mag blaarvlekkie op appelkultivars soos Pearmain, Delicious, Cox en ander sensitiewe appelkultivars veroorsaak.</p>
<p>Olywe Blaarvlek (<i>Cycloconium oleaginum</i>)</p>	200 ml/100 L water	<p>Dien twee hoë volume bespuitings toe tot die punt van afloop. Dien een toe in lente voordat nuwe groei plaasvind en 'n tweede in herfs voor aanvang van winter.</p>
<p>Tabaksaadbeddens Antraknose (<i>Colletotrichum destructivum</i>) Swart wortelvrot (<i>Thielaviopsis basicola</i>) Swartstam (<i>Phytophthora nicotianae</i>) Verwelksiekte (<i>Pythium, Fusarium and Rhizoctonia spp</i>)</p>	200 ml/100 L water	<p>Dien 15 L/10 m² toe as 'n grond deurdrenking, 3 weke na ontkieming en was daarna met 40 L water in. Herhaal bespuitings elke 10–14 dae tot uitplanting.</p>