

# SulfoDfence 815 SC

Act No. 36 of 1947 / Wet Nr. 36 van 1947  
SA Reg. No. L11507

**READ ATTACHED PACKAGED LEAFLET BEFORE USE  
KEEP OUT OF REACH OF CHILDREN AND ANIMALS**

**GROUP**

**M2**

**M9**

**FUNGICIDES**

## PRODUCT INFO:

A suspension concentrate, contact fungicide, for the control of Powdery mildew and Downy mildew on Table and Wine Grapes.



**WARNING**

## PRODUK INFO:

'n Suspensie konsentraat kontak swamdoder, vir die beheer van Poeieragtige meeldou en Donsskimmel op Tafel- en Wyn Druive.

## HAZARD STATEMENTS:

May be harmful if swallowed.  
Causes skin irritation.  
May cause an allergic skin reaction.  
Very toxic to aquatic life with long lasting effects.

## PRECAUTIONARY STATEMENTS:

Wear protective gloves, protective clothing, eye and face protection.  
Wash hands and exposed skin thoroughly after handling.

## Active Ingredients / Aktiewe Bestanddele

Sulphur	700 g/l	Swael
Dithianon (quinone)	115 g/l	Dithianon (kinoon)
Net (l)	SEE CONTAINER	

Registration Holder / Registrasiehouer



ICA International Chemicals (Pty) Ltd. • Reg. No. 2001/013319/07  
28 Planken Street • Plankenbrug Industrial • STELLENBOSCH • 7600 • SOUTH AFRICA  
Tel. +27-21 886 9812 • [www.icaonline.co.za](http://www.icaonline.co.za)

Batch No.  
Date of Manufacture  
Expiry Date

SEE  
CONTAINER

Lot Nr.  
Datum van Vervaardiging  
Vervaldatum

In case of poisoning, call the following number: Human Poison Helpline +27-861 555 777  
Emergency number: Griffon Poison Information Centre +27-82 446 8946

# SulfoDfence 815 SC

Act No. 36 of 1947  
SA Reg. No. L11507

A suspension concentrate, contact fungicide for the control of Powdery mildew (*Erysiphe necator*) and Downy mildew (*Plasmopara viticola*) on Table and Wine Grapes.

## ACTIVE INGREDIENTS:

Sulphur ..... 700 g/ℓ  
Dithianon (quinone) ..... 115 g/ℓ

## REGISTERED BY:

ICA International Chemicals (Pty) Ltd., Reg. No. 2001/013319/07  
28 Planken Street • Plankenbrug Industrial • Stellenbosch • 7600 • South Africa  
Tel. +27-21 886-9812 • www.icaonline.co.za

## WARNINGS

May be harmful if swallowed  
Causes skin irritation  
May cause an allergic skin reaction  
Very toxic to aquatic life with long lasting effects

## WITHHOLDING PERIODS (Minimum number of days between last application and harvest):

▶ *Table and Wine Grapes* ..... 6 Weeks

Compliance with these withholding periods and application methods will ensure that residues do not exceed local maximum residue limits (MRL) but may not meet the import requirements of other countries. If the crop to be treated is intended for export, consult the relevant importer or exporting body regarding the use of this product, MRL and recommended waiting periods. Although **SulfoDfence 815 SC** is regarded as crop-safe on most of the important cultivars, this does not mean that a more sensitive cultivar might be available in future. **SulfoDfence 815 SC** must be tested on new cultivars prior to usage over big areas.

**RE-ENTRY INTERVAL:** Do not enter treated area within 24 hours after application/until spray deposit has dried, unless wearing protective clothing. Wash protective clothing after use.

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 man/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

If medical advice is needed, have product container or label at hand.  
Avoid breathing mist/vapours/spray.  
Wash hands and exposed skin thoroughly after handling.  
Contaminated work clothing should not be allowed out of the workplace.  
Avoid release to the environment.  
Wear protective gloves, protective clothing, eye and face protection.  
IF SWALLOWED: Get medical help.  
IF ON SKIN: Wash with plenty of soap and water.  
If skin irritation or rash occurs: Get medical help.  
For specific treatment, see first aid measures on this label.  
Take off contaminated clothing and wash it before reuse.  
Collect spillage.  
Dispose of contents and container in accordance with national regulations.

**TRIPLE RINSE THE EMPTY CONTAINER AS FOLLOWS:** Invert the empty container over the spray or mixing tank and drain for at least 30 seconds until the flow has slowed down to a drip. Thereafter, rinse the empty container three times in succession with one quarter of the container volume with 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](http://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.

## RELEVANT SUBSTANCES:

Sulphur (Cas no: 7704-34-9) Skin Irritation Category 2, H315 (70 % w/v).  
Dithianon (Cas no: 3347-22-6) Acute Oral Toxicity Category 4, H302; Aquatic Acute Category 1, H400; Aquatic Chronic Category 1, H410 (15 % w/v).  
1,2-benzisothiazol-3-one (Cas no: 2634-33-5) Skin Sensitization Category 1, H317; Aquatic Acute Category 1, H400 (< 1 % w/v).

## FIRST AID TREATMENT

**In case of accident or if you feel unwell seek medical advice immediately and show this LABEL where possible**

### INHALATION:

Remove the victim from immediate source of exposure. Move victim to fresh air, if it can be done safely, and keep comfortable. If victim's breathing has stopped, perform artificial respiration. Administer oxygen if victim's breathing is difficult or irregular. Get medical help.

<b>SKIN:</b>	Remove and isolate contaminated clothing, shoes, and leather goods immediately and take a shower. Rinse affected areas (skin) immediately with non-abrasive soap or mild detergent and large amounts of running water. Wash contaminated clothing before reuse. Get medical help if irritation develops and persists.
<b>EYES:</b>	Rinse eyes cautiously with clean running water for at least 15 minutes, while holding eyelids apart. Remove contact lenses after 5 minutes if present and easy to do. Continue rinsing while holding eyelids apart. Seek medical help if irritation continues.
<b>INGESTION:</b>	If swallowed, DO NOT induce vomiting, unless instructed to do so by poison control center or doctor. Have person sip a glass of water if able to swallow. Never give anything by mouth to an unconscious person. If vomiting does occur, keep on giving fluids. Get medical help.
<b>NOTE TO PHYSICIAN:</b>	There is no specific antidote. All treatments should be based on observed signs and symptoms of distress in the patient.
<b>POTENTIAL HEALTH EFFECTS, ACUTE AND DELAYED:</b>	Effects of exposure (inhalation, ingestion, or skin contact) to substance may be delayed.

#### RESISTANCE WARNING

**For resistance management: SulfoDfence 815 SC** is a FRAC group code (M2) and (M9) fungicides. Any fungal population may contain individuals naturally resistant to **SulfoDfence 815 SC** and other FRAC group code (M2) and (M9) fungicides. The resistant individuals can eventually dominate the fungal population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **SulfoDfence 815 SC** or any other FRAC group code (M2) and (M9) fungicides.

#### To prevent or delay fungicide resistance:

- avoid exclusive repeated use of fungicides from the same fungicide group code. Alternate or tank mix with registered products from different fungicide group codes,
- for tank mixing or alternation with products in other fungicide group codes, refer to individual product labels,
- integrate other forms of control methods (chemical, cultural, biological) into disease **SulfoDfence 815 SC** alone but in combination with a suitable partner from different fungicide group codes. This management strategy to prevent resistance should, however, not include fungicide products to which resistance has already developed in the past, or fungicides using the same mode of action,
- for specific information on resistance management contact the registration holder of this product or contact your local supplier,
- in order to maintain the efficacy of **SulfoDfence 815 SC**, it is necessary to prevent the development of resistance of the diseases against the (M2) and (M9) fungicide groups,
- adhere to the dosage rates recommended on the label, DO NOT reduce dosage rate,
- **DO NOT** exceed more than six (6) **SulfoDfence 815 SC** treatments per season.

#### MODE OF ACTION

Sulphur is classified as a multisite fungicide. Once taken up by the fungus, sulphur disrupts the transfer of electrons causing the reduction of sulphur to hydrogen sulphide (H<sub>2</sub>S), which is toxic to most cellular proteins. Sulphur is considered as a low resistance risk group.

Dithianon belongs to the FRAC group M9: Chemicals with multi-site activity. Generally considered as a low-risk group without any signs of resistance developing to the fungicides.

#### USE RESTRICTIONS

- Consult the product labels for **USE RESTRICTIONS, WARNINGS (including RESISTANCE WARNINGS), PRECAUTIONS** and **DIRECTIONS FOR USE**.
- **FOR ALL CROPS AND DISEASES, DO NOT EXCEED SIX (6) APPLICATIONS OF SULFODFENCE 815 SC PER SEASON.**

#### DIRECTIONS FOR USE – use only as directed

#### COMPATIBILITY:

The compatibility of **SulfoDfence 815 SC** with other products depends on the formulations of the respective products as well as the quality of the spray water to be used. It is possible that formulations may change from time to time. It is therefore recommended that a small-scale physical compatibility test be done prior to the tank mixture being made. Always consult the labels of products to be tank mixed with **SulfoDfence 815 SC**.

#### MIXING INSTRUCTIONS:

**Shake the SulfoDfence 815 SC container well before use. Replace cap directly after use.** Half-fill the spray tank with water and ensure continuous agitation. Only use water suitable for irrigation and avoid using water with high levels of chlorine.

#### Pre-mix SulfoDfence 815 SC as follows:

Observe the following formulation mixing sequence if other products will be tank mixed with **SulfoDfence 815 SC**: buffer/acidifier, wettable powders, water dispersible granules, suspension concentrates, emulsifying concentrates and soluble concentrates last.

- Pre-mix each product(s) separately with a small volume of water before adding it to the spray tank.

Add the required quantity of **SulfoDfence 815 SC** in at least 10 ℓ water and mix. Add the pre-mixture to the water and fill the tank to the required volume with clean water while maintaining agitation, to ensure thorough mixing of the spray mixture, before and during application. **TANK MIXTURES MUST BE SPRAYED OUT IMMEDIATELY AND NOT ALLOWED TO STAND IN THE SPRAY TANK OVERNIGHT.** Spraying equipment must be thoroughly flushed out at the end of the spraying operation.

#### GROUND APPLICATION:

- Notify and warn all inhabitants in the immediate area of the intended application and issue the necessary warnings.
- **SulfoDfence 815 SC** can be applied with conventional high volume spray equipment. The nozzles should be fitted with hollow cone tips that give medium to fine droplets.
- Ensure that the equipment is correctly calibrated and is checked regularly to ensure even and accurate application.
- Distribution of the spray mixture must be uniform throughout the target area.
- The use of a mist-blower, tractor sprayer or any other sprayer with which the spray mist could be blown into the crop of leaves (where an oscillating mechanism will be an added advantage), is recommended.
- Repeat the application if it rains within two (2) hours after application.
- Avoid drift onto other crops, grazing, rivers, dams, or areas not under treatment.

APPLICATION TABLE		
CROP and DISEASE	DOSAGE per 100 ℓ water	REMARKS
<p><b>TABLE AND WINE GRAPES</b></p> <p><b>Powdery mildew</b> (<i>Erysiphe necator</i>)</p> <p><b>Downy mildew</b> (<i>Plasmopara viticola</i>)</p>	<p>300 mℓ SulfoDfence 815 SC</p>	<p><b>Winter rainfall region:</b> Start application when shoots are 10 – 15 cm long and repeat every three weeks if necessary.</p> <p><b>Summer rainfall region:</b> Start application mid-summer, particularly during drought, or when first symptoms are noticed.</p> <ul style="list-style-type: none"> <li>• The application of <b>SulfoDfence 815 SC</b> can commence in the absence or presence of the disease.</li> <li>• Repeat applications at 7 – 14-day intervals, use shorter intervals under high disease pressure.</li> <li>• Apply as a full cover spray and ensure thorough coverage of the whole plant during application.</li> <li>• Alternate sprays in a programme with fungicides from other FRAC group codes.</li> <li>• Apply up to six (6) sprays of <b>SulfoDfence 815 SC</b> per season.</li> <li>• <b>DO NOT</b> spray during warm temperatures above 32 °C, as it can lead to scorching.</li> </ul> <p><b>WATER VOLUME REQUIRED FOR HIGH VOLUME APPLICATIONS:</b></p> <p><b>TABLE GRAPES:</b> Increase spray volume from 500 ℓ/ha at early applications (shoots 10 – 15 cm) progressively to 1 200 ℓ/ha.</p> <p><b>WINE GRAPES:</b> Increase spray volume from 250 ℓ/ha at early applications (shoots 10 – 15 cm) progressively to 1 000 ℓ/ha at pea berry stage. Use this rate for the rest of the season.</p> <p><b>DO NOT</b> apply within six (6) weeks before harvest of table grapes since it may result in visual residue deposits and in the case of wine grapes, it may adversely influence fermentation.</p>

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

# SulfoDfence 815 SC

Wet Nr. 36 van 1947  
SA Reg. Nr. L11507

'n Suspensie konsentraat kontak swamdoder, vir die beheer van Poeieragtige meeldou (*Erysiphe nectar*) en Donsskimmel (*Plasmopara viticola*) op Tafel- en Wyn Druive.

## AKTIEWE BESTANDELE:

Swael ..... 700 g/l  
Dithianon (kinoon) ..... 115 g/l

## GEREGISTREER DEUR:

ICA International Chemicals (Pty) Ltd., Reg. Nr. 2001/013319/07  
Plankenstraat 28 • Plankenbrug Industrieel • Stellenbosch • 7600 • Suid-Afrika  
Tel. +27-21 886-9812 • www.icaonline.co.za

## WAARSKUWINGS

Mag skadelik wees indien ingesluk  
Veroorsaak velirritasie  
Mag allergiese velreaksie veroorsaak  
Baie giftig vir waterlewende organismes met langdurige gevolge

## ONTHOUDINGS PERIODES (Minimum aantal dae tussen laaste toediening en oes):

► *Tafel en Wyn Druive* ..... 6 Weke

Nakoming van hierdie onthoudingsperiodes en toedieningsmetodes sal verseker dat die plaaslike maksimum residu limieter (MRL) nie oorskry word nie, maar mag dalk nie voldoen aan die invoervereistes van ander lande nie. Indien die gewas wat behandel gaan word, bestem is vir uitvoer, raadpleeg die betrokke in- of uitvoerder rakende die gebruik van hierdie produk, die MRL en aanbevole onthoudingsperiodes. Alhoewel **SulfoDfence 815 SC** as gewasveilig beskou word op meeste van die belangrike kultivars, beteken dit nie dat 'n meer sensitiewe kultivar in die toekoms op die mark kan kom nie. **SulfoDfence 815 SC** moet eers op nuwe kultivars getoets word voordat dit oor groot areas aangewend word.

**HERBETREDINGSINTERVAL:** Moenie behandelde gebied binne 24 uur na toediening betree alvorens die spuitneerslag droog is nie, tensy beskermende oorklere gedra word. Beskermende oorklere moet gewas word na gebruik.

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 grond-, klimaats- en bergingstoestande, kwaliteit van verdunningswater, verenigbaarheid met ander produkte wat nie op die etiket aangedui is nie en die voorkoms van weerstand 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 effekte op mens of dier of vir 'n gebrek aan doeltreffendheid, as gevolg van die versuim van die gebruiker om die 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 geval van enige onsekerheid.

## VOORSORGMATREËLS

Indien mediese advies benodig word, hou die produkhouer of -etiket byderhand.  
Hou buite bereik van kinders.  
Lees sorgvuldig en volg alle instruksies.  
Vermy die inaseming van stuifsel/dampe/spuitstof.  
Was hande en blootgestelde vel deeglik na hantering.  
Besoedelde werksklere moet nie buite die werksplek toegelaat word nie.  
Vermy vrystelling in die omgewing.  
Dra beskermende handskoene, beskermende klere, oog- en gesigbeskerming.  
INDIEN INGESLUK: Kry mediese hulp.  
INDIEN OP VEL: Was met baie water en seep.  
Indien velirritasie of uitslag ontstaan: Kry mediese hulp.  
Vir spesifieke behandeling sien noodhulp afdeling op hierdie etiket.  
Trek alle besoedelde klere uit en was dit voor hergebruik.  
Maak stortsel bymekaar.  
Raak ontslae van inhoud en houer in ooreenstemming met nasionale regulasies.

**SPOEL DIE LEË HOUER DRIE MAAL SOOS VOLG:** Keer die leë houer om oor die spuit- of mengtenk en dreineer vir minstens 30 sekondes totdat die vloei tot 'n gedrup verminder het. Spoel daarna die leë houer drie keer uit met vars water, teen 'n kwart van die houer se volume, en giet die spoelwater in die spuit- of mengtenk. Kap gate in die drie keer gespoelde houer, waarna dit aan 'n goedgekeurde versamelaar of verwerker oorhandig moet word ([www.croplife.co.za](http://www.croplife.co.za)). Moenie die houer begrawe, verbrand of aan enige ander partye skenk wat dit as houer vir voedsel of drinkgoed mag gebruik nie.

## RELEVANTE STOWWE:

Swael (Cas no: 7704-34-9) Vel Irritasie Kategorie 2, H315 (70 % m/v).  
Dithianon (Cas no: 3347-22-6) Akute Giftigheid Mondelings Kategorie 4, H302; Waterlewend Akut Kategorie 1, H400; Waterlewend Kronies Kategorie 1, H410; (15 % m/v).  
1,2-bensisotiasolien-3-oon (Cas no: 2634-33-5) Vel Allergie Kategorie 1, H317; Waterlewend Akut Kategorie 1, H400 (< 1 % m/v).

## NOODHULP BEHANDELING

In geval van 'n ongeluk of as jy onwel voel, verkry onmiddellik mediese advies en wys hierdie ETIKET waar moontlik

<b>INASEMING:</b>	Neem die slagoffer weg van die onmiddellike bron van blootstelling. Verskuif die slagoffer na vars lug as dit veilig gedoen kan word en hou gemaklik. Indien die slagoffer ophou asemhaal, pas kunsmatige asemhaling toe. Dien suurstof toe as die slagoffer se asemhaling moeilik of onreëlmatig is. Verkry mediese hulp.
<b>VEL:</b>	Verwyder en isoleer besmette klere, skoene en leergoedere dadelik en stort. Spoel aangetaste areas (vel) onmiddellik met nieskurende seep of sagwerkende wasmiddel en groot hoeveelhede lopende water. Was besmette klere voor hergebruik. Kry mediese hulp indien irritasie ontwikkel en voortduur.
<b>OË:</b>	Spoel oë versigtig met skoon lopende water vir ten minste 15 minute terwyl die ooglede vanmekaar gehou word. Verwyder kontaklense na 5 minute indien aanwesig en maklik om te doen. Hou aan met spoel terwyl ooglede vanmekaar gehou word. Kry mediese hulp indien irritasie voortduur.
<b>OPNEMING:</b>	Indien ingesluk, MOENIE vomering induseer nie, tensy 'n gifsentrum of dokter opdrag gee om dit te doen. Laat die persoon slukkies water neem indien dit moontlik is om te sluk. Moet nooit iets per mond aan 'n bewustelose persoon gee nie. Indien die persoon wel vomer, hou aan om vloeistowwe te gee. Verkry mediese hulp.
<b>NOTA AAN GENEESHEER:</b>	Daar is nie 'n spesifieke teenmiddel nie. Alle behandeling moet gebaseer word op waargenome tekens en simptome van nood by die pasiënt.
<b>MOONTLIKE GESONDHEIDSGEVOLGE, AKUUT EN VERTRAAGD:</b>	Gevolge van blootstelling (inaseming, opneming of velkontak) aan stof kan vertraag wees.

## WEERSTANDSWAARSKUWING

Vir weerstandsbestuur: SulfoDfence 815 SC is 'n FRAC groepkode (M2) en (M9) swamdoder. Enige swam populasie mag individue insluit wat 'n natuurlike weerstand teen SulfoDfence 815 SC, of enige ander FRAC groepkode (M2) en (M9) swamdoders het. Indien hierdie swamdoders herhaaldelik aangewend word, kan die weerstandbiedende individue uiteindelik die swam populasie oorheers. Hierdie weerstandbiedende swamme sal waarskynlik nie deur SulfoDfence 815 SC of enige ander FRAC groep kode (M2) en (M9) swamdoders beheer word nie.

Om weerstand te vertraag:

- vermy die herhaaldelike gebruik van swamdoders met dieselfde groepkode. Wissel af met, of gebruik tenkingsels van produkte in verskillende swamdoder groepkodes,
- raadpleeg toepaslike individuele produketikette wanneer daar afgewissel word, of tenkingsels gemaak word, met produkte in ander swamdoder groepkodes,
- integreer ander beheermaatreëls (chemies, verbouing, biologies) in swamdoder programme,
- waar weerstand bekend is of vermoed word, moet SulfoDfence 815 SC nie alleen toegedien word nie, maar in kombinasie met swamdoders van 'n ander swamdoder groepkode. Hierdie bestuur strategie om weerstand te voorkom, moet egter nie swamdoder produkte insluit waar weerstand in die verlede aangemeld is nie, of dieselfde werkswyse het nie,
- vir spesifieke inligting oor weerstandsbestuur kontak die registrasiehouer van hierdie produk of jou plaaslike verskaffer,
- om die effektiwiteit van SulfoDfence 815 SC te handhaaf is dit belangrik om die ontwikkeling van siekte weerstand teen (M2) en (M9) swamdoders te voorkom,
- gebruik slegs die aanbevole dosisse wat op die etiket aangedui word, MOENIE die dosisse verlaag nie,
- MOENIE meer as ses (6) SulfoDfence 815 SC behandelings per seisoen oorskry nie.

## WERKINGSWYSE

Swael word as 'n veelvuldige teiken swamdoder geklassifiseer. Sodra swael deur die swam opgeneem word ontwig dit die oordrag van elektrone wat die reduksie van swael tot waterstofsulfied (H<sub>2</sub>S) tot gevolg het, en dit is toksies vir die meeste sellulêre proteïene. Swael word beskou as 'n lae weerstand risiko groep.

Dithianon behoort tot FRAC groep M9: Chemikalieë met multi-teiken aktiwiteit. Oor die algemeen beskou as 'n lae-risiko groep, sonder enige tekens van weerstand teen die swamdoders.

## GEBRUIKSBEPERKINGS

- Raadpleeg die betrokke etikette vir **GEBRUIKSBEPERKINGS, WAARSKUWINGS (insluitend WEERSTANDSWAARSKUWING), VOORSORGMAATREËLS** en **GEBRUIKSAANWYSINGS**.
- **VIR ALLE GEWASSE EN SIKTES MOET NIE MEER AS SES (6) SULFODFENCE 815 SC TOEDIENINGS PER SEISOEN OORSKRY NIE.**

## GEBRUIKSAANWYSINGS – GEBRUIK SOOS AANGEDUI

### VERENIGBAARHEID:

Die verenigbaarheid van SulfoDfence 815 SC met produkte hang af van die formulasie van die betrokke produkte asook die kwaliteit van die water wat gebruik gaan word. Dit is moontlik dat formulasies van tyd tot tyd kan verander, en dus word daar aanbeveel dat 'n klein skaalse fisiese verenigbaarheidstoets (fles toets) uitgevoer word, voordat 'n tenkingsel gemaak word. Raadpleeg altyd die individuele produk etikette voor mengingsels saam met SulfoDfence 815 SC gemaak word.

### MENGINSTRUKSIES:

Skud die SulfoDfence 815 SC houër deeglik voor gebruik. Plaas prop terug op houër direk na gebruik. Vul die spuitnek halfvol met skoon water, wat geskik is vir besproeiing en maak seker dat spuitnek deurentyd gemeng word. Vermy die gebruik van water met 'n hoë chloor inhoud.

Meng SulfoDfence 815 SC vooraf as volg:

Let op die volgende mengvolgorde van die formulasies indien ander produkte saam met SulfoDfence 815 SC in 'n tenkingsel toegedien word: buffer/versuurder, benatbare poeiers, waterdispergeerbare korrels, wateroplosbare vloeistof, suspensie konsentraat, emulgeerbare konsentrate en oplosbare konsentrate laaste.

- Meng elke produk afsonderlik met 'n klein hoeveelheid water voordat dit in die spuitnek gevoeg word.

Voeg die benodigde hoeveelheid SulfoDfence 815 SC by ongeveer 10 ℓ water en meng goed. Voeg die mengsel by die tenk en vul met skoon water tot by finale volume. Maak seker dat die spuitnek voortdurend gemeng word om vermening te verseker voor en tydens toediening. **DIE TENKMENGSEL MOET ONMIDDELLIK UITGESPUIT WORD EN NIE TOEGELAAT WORD OM OORNAG IN DIE SPUITNEK TE STAAN NIE.** Spuit toerusting moet deeglik uitgespuit/skoongemaak word na afloop van toediening.

**GROND TOEDIENING:**

- Stel inwoners in die onmiddellike omgewing van die lande wat bespuit gaan word in kennis en reik die nodige waarskuwings uit.
- **SulfoDfence 815 SC** kan met 'n konvensionele hoëvolume spuitapparaat toegedien word. Die spuitapparaat moet met holkeëlsputpunte toegerus wees, wat medium tot fyn druppels lewer.
- Maak seker dat die spuittoerusting korrek gekalibreer is en gaan gereeld na om seker te maak dat die toediening egalig en akkuraat is.
- Die spuitmengsel moet egalig oor die teikengebied versprei word.
- Die gebruik van 'n newelblaser trekkerspuit of enige ander spuittoerusting wat die spuitmengsel in die gewas se blare kan inblaas (waar 'n ossillerende meganisme 'n bykomende voordeel sal wees), word aanbeveel.
- Herhaal toediening indien dit binne twee (2) ure na aanwending reën.
- Voorkom die wegdryf van spuitnewel na ander gewasse, weiveld, riviere, damme en plekke wat nie behandel word nie.

TOEDIENINGS TABEL		
GEWAS / PES	DOSIS per 100 ℓ water	AANBEVELINGS
<b><u>TAFEL EN WYN DRUIWE</u></b>  <b>Poeieragtige meeldou</b> <i>(Erysiphe necator)</i>  <b>Donsskimmel</b> <i>(Plasmopara viticola)</i>	<p style="text-align: center;">300 mℓ <b>SulfoDfence 815 SC</b></p>	<p><b>Winterreënval gebied:</b> Begin toediening wanneer die lote 10 – 15 cm lank is.</p> <p><b>Somerreënval gebied:</b> Begin toediening gedurende middel somer, veral tydens droogte toestande, of as die eerste simptome waargeneem word.</p> <ul style="list-style-type: none"> <li>• Die toediening van <b>SulfoDfence 815 SC</b> kan in die afwesigheid of teenwoordigheid van die siekte begin.</li> <li>• Herhaal toediening met 7 – 14 dae intervale en gebruik die korter interval onder hoë siektedruk.</li> <li>• Dien toe as 'n voldekbepuiting en verseker deeglike bedekking van die hele plant tydens toediening.</li> <li>• Wissel die bespuitings in 'n beheerprogram af met swamdoders van 'n ander FRAC groepkode.</li> <li>• Moenie meer as ses (6) bespuitings van <b>SulfoDfence 815 SC</b> per seisoen toedien nie.</li> <li>• <b>MOENIE</b> toedien wanneer temperature bo 32°C is nie, dit kan brand veroorsaak.</li> </ul> <p><b>WATER VOLUME BENODIG VIR HOË VOLUME AANWENDING:</b></p> <p><b><u>TAFELDRUIWE:</u></b> Verhoog spuitvolume van 500 ℓ/ha tydens vroeë toediening (lote 10 – 15 cm) geleidelik tot 1 200 ℓ/ha.</p> <p><b><u>WYNDRUIWE:</u></b> Verhoog spuitvolume van 250 ℓ/ha tydens vroeë toediening (lote 10 – 15 cm) geleidelik tot 1 000 ℓ/ha met ertjekorrelgrootte. Handhaaf hierdie spuitvolume vir die res van die seisoen.</p> <p><b>MOENIE</b> binne ses (6) weke voor die oes van tafeldruiwe toedien nie, aangesien dit 'n visuele residu-neerslag kan veroorsaak en in die geval van wyndruiwe kan dit fermentasie negatief beïnvloed.</p>

Raadpleeg die etikette vir **GEBRUIKSBEPERKINGS, WAARSKUWINGS** (insluitend **WEERSTANDSWAARSKUWINGS**), **VOORSORGMATREËLS** en **GEBRUIKSAANWYSINGS**.