



# SITOFEX® 10 EC

Reg. No. / Nr. L6339 Act / Wet No. / Nr. 36 of / van 1947

Reg. No. / Nr. N-AR-0903 : Act / Wet No. / Nr. 36 of / van 1947 (Namibia / Namibië)

<b>READ THE LABEL BEFORE USE AND READ ATTACHED PACKAGED LEAFLET BEFORE USE AND KEEP OUT OF REACH OF CHILDREN AND ANIMALS.</b>	<b>LEES DIE ETIKET VOOR GEBRUIK EN LEES AANGEHEGDE VOUBILJET VOOR GEBRUIK EN HOU BUITE BEREIK VAN KINDERS EN DIERE.</b>
An emulsifiable concentrate plant growth regulator for increasing the fruit size in kiwi fruit as well as for the increase of berry size and the decrease in berry abscission in table grape cultivars as indicated.	'n Emulgeerbare konsentraat plant-groeireguleerder vir vrugvergroting in kiwivrugte asook vir korrelvergroting en vermindering van die loskorrelprobleem in tafeldruif-kultivars soos aangedui.

### Hazard Statements:

Highly flammable liquid and vapour.  
 Causes skin irritation.  
 Causes serious eye irritation.  
 Suspected of causing cancer.

### Precautionary Statements:

Wear protective gloves, protective clothing, eye and face protection.  
 If exposed, concerned or if eye irritation occurs, get medical advice.



**DANGER/  
GEVAAR**

### Gevaarverklarings:

Hoogs vlambare vloeistof en damp.  
 Verorsaak velirritasie.  
 Verorsaak ernstige oogirritasie.  
 Vermoede dat dit kanker veroorsaak.

### Voorsorgverklarings:

Dra beskermende handskoene, beskermende klere, oog- en gesigbeskerming.  
 Indien blootgestel, besorg of indien oogirritasie voortduur, verkry mediese advies.

### Active Ingredient / Aktiewe Bestanddeel

**Forchlorfenuron**

**10 g/L**

**Forchlorfenuron**

Net volume

Netto volume

### REGISTRATION HOLDER / REGISTRASIEHOUER

PHILAGRO SOUTH AFRICA (PTY) LTD / (EDMS) BPK

REG NO 1998/010658/07 REG NR

POSTNET SUITE #378, PRIVATE BAG / PRIVAATSAK X025, LYNNWOOD RIDGE / RIF, 0040

TEL: +27(0) 12 348 8808

**SITOFEX®** is a product of AlzChem Trostberg GMBH, Trostberg, Germany.

**SITOFEX®** is 'n produk van AlzChem Trostberg GMBH, Trostberg, Duitsland.

Batch No.

Lot Nr.

Date of Manufacture

Datum van Vervaardiging

UN No. / VN No. 1170

Emergency Numbers / Noodnommers:

Griffon Poison Information Centre: +27(0) 82 446 8946

Poisons Information Centre: +27(0) 86 155 5777

## WARNINGS:

### GHS Hazard Statements:

Highly flammable liquid and vapour.  
Causes skin irritation.  
Causes serious eye irritation.  
Suspected of causing cancer.

Handle with care.  
Keep out of reach of children, uninformed persons and animals.  
Store under lock and key away from food, feeds, seed and other agricultural chemicals.  
Store in a cool place (below 20°C).

## RE-ENTRY INTERVAL:

Do not enter treated area within 1 day after treatment unless wearing protective clothing.

In case of poisoning call a doctor and show him this label.

## DISCLAIMER:

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 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 or registration holder in the event of any uncertainty.

## PRECAUTIONS:

### GHS Precautions

#### General

If medical advice is needed, have product container or label at hand.  
Keep out of reach of children.

#### Prevention

Obtain, read and follow all safety instructions before use.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
For specific treatment, see Section 4 of the SDS.  
Keep container tightly closed.  
Ground and bond container and receiving equipment.  
Use explosion proof ventilating, extraction and lighting equipment.  
Use non-sparking tools.  
Take action to prevent static discharges.  
Wash hands and face thoroughly after handling.  
Wear protective gloves, protective clothing, eye and face protection.  
Wash hands and face thoroughly after handling. Do not touch eyes.

#### Response

If exposed or concerned, get medical advice.  
If eye irritation occurs: Get medical help.  
Take off contaminated clothing and wash it before re-use.  
In case of fire: Use the extinguishing equipment as described in Section 5 of the SDS.  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Immediately rinse with water for several minutes under the safety shower.  
IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses if present, and easy to do so. Continue rinsing.

#### Storage

Store in a well-ventilated place. Keep cool.

#### Disposal

Dispose of contents or container to an approved waste disposal facility and in accordance with national regulations.

Avoid inhalation of fumes or spray mist and skin contact.  
Do not eat, drink or smoke whilst mixing, applying or before washing hands and face and change of clothing.  
Prevent contamination of food, feeds, drinking water and eating utensils.  
Avoid spray drift onto other crops, grazing, rivers, dams and any other area not under treatment.  
Thoroughly wash and rinse spray equipment after use and dispose of contaminated water where it will not contaminate crops, grazing, rivers and dams.  
**IMPORTANT:** 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. Thereafter rinse the 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 in the prescribed manner.

#### RELEVANT SUBSTANCES:

Hazardous Component	CAS Number	Weight - %	GHS Classification
Forchlorfenuron	68157-60-8	1.19%	Carcinogenicity, Category 2. Aquatic Toxicity, Chronic, Category 2.
Ethanol	64-17-5	>60%	Flammable liquids, Category 2. Serious Eye Damage/Irritation, Category 2A.

**NOTE:** The other ingredients not included above, do not cause or contribute towards the correct GHS classification of **SITOFEX 10 EC** and are therefore, in terms of the South African Regulations for Hazardous Chemical Agents - 2021; Regulation 14(b), not listed.

#### FIRST AID:

<b>General Advice</b>	Immediately remove contaminated clothing and move 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. In case of accident or if unwell, seek medical advice. Provide the SDS and the label to medical personnel for treatment.
<b>Eye Contact</b>	Immediately rinse/flush the eyes gently with water from the eye wash fountain for several minutes (at least 15 minutes), while holding the eyelids apart. If relevant - remove contact lenses if easy to do so. Continue rinsing. Obtain medical attention if irritation occurs and persists.
<b>Skin Contact</b>	Immediately remove all contaminated clothing. Rinse the skin with plenty of cold water for 15 to 20 minutes under the safety shower. Do not rub the skin. Obtain medical attention if irritation occurs and persists. Wash contaminated clothing before re-use.
<b>Inhalation</b>	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 product; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If the patient is conscious, rinse nose, mouth and throat with water. Obtain medical attention.
<b>Ingestion</b>	If swallowed, seek medical advice, and show the container label, or the Safety Data Sheet to the medical practitioner. If conscious, rinse mouth with water. Never give anything by mouth to an unconscious or convulsing person. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Treat symptomatically and supportively. For advice, contact a Poisons Centre or a medical practitioner.

#### Medical Advice

No specific antidote. Symptomatic treatment and supportive therapy as indicated.

#### Most important symptoms/effects, acute and delayed

Irritant to skin and eyes. Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination.

#### DIRECTIONS FOR USE: USE ONLY AS DIRECTED

#### COMPATIBILITY:

**SITOFEX10 EC** is not compatible with insecticides or fungicides and should therefore not be used in tank mixtures with these products. **SITOFEX 10 EC** can be used in a tankmix with gibberellic acid.

#### APPLICATION DIRECTIONS

1. To obtain the best results, **SITOFEX 10 EC** should be applied under slow drying conditions, such as early morning, late in the afternoon or at night. This will ensure sufficient uptake of the product.
2. Do not apply **SITOFEX 10 EC** if the plants are under stress conditions. This may negatively effect the efficacy of the product.
3. The use of adjuvants with **SITOFEX 10 EC** is not recommended. When used in a tank mixture with gibberellic acid, the dosage rate for the adjuvants recommended for use with the gibberellic acid should not be exceeded.
4. Apply as a directed spray to the young fruit or bunches. Complete coverage of the fruit is essential. With table grapes a dip treatment of the bunches can also be used.

**Grapes:**

- Do not apply **SITOFEX 10 EC** to grapes before post bloom berry shatter has been completed.
- Ensure thorough wetting of grape vines and apply at a volume of between 1000 and 1500 L water per hectare on established vines. With table grapes a dip treatment of the bunches can also be used.
- Use proportionally less on younger vines.

**Kiwifruit:**

- On kiwifruit, apply either by handgun or by knapsack sprayer at a volume of between 800 and 1000 L water per hectare on fully established vines. Use proportionally less on younger vines.
- The use of **SITOFEX 10 EC** on kiwifruit is not recommended for us in the Natal region. Use effective fruitfly control measures since **SITOFEX 10 EC** treated fruit could be more susceptible to attacks by fruitfly.

**APPLICATION DOSAGE:**

<b>CROP</b>	<b>DOSAGE PER 100 L WATER</b>	<b>REMARKS</b>
KIWI FRUIT cv. Hayward	100 ml	Apply 2 to 3 weeks after full bloom as a directed spray to the young fruit. Complete coverage of the fruit is essential.
cv. Allison/Abbot and Donné	100 ml	Apply 3 to 4 weeks after full bloom as a directed spray to the young fruit. Complete coverage of the fruit is essential.
TABLE GRAPES cv. Thompson seedless	50 ml + 30 ppm Gibberellic acid (eg. ProGibb 40%)	For berry size increase and decrease of berry shatter: Apply as a directed spray or dip treatment at 4 to 6 mm berry size, to coincide with the second gibberellic acid application for berry sizing.
cv. Waltham Cross	50 ml	For berry size increase and decrease in berry shatter and straggly bunches: Apply as a directed spray or dip treatment at 4 to 6 mm berry size.
cv. Muscat d'Alexandrie	75 ml	For berry size increase, decrease in berry shatter and as a deterrent against dry stems: Apply as a directed spray or as dip treatment at 4 to 6 mm berry size.

NOTE: **SITOFEX 10 EC** could delay ripening of table grapes by approximately 7 days. This could however be an advantage when used to manipulate the time of harvest in certain vineyards.

**24 HOUR EMERGENCY: TEL. NO.: 086 155 5777 (Poisons Information Centre)  
082 446 8946 (Griffon Poison Information Centre)**

## **WAARSKUWINGS:**

### **GHS Gevaarverklarings:**

Hoogs vlambare vloeistof en damp.

Veroorsaak velirritasie.

Veroorsaak ernstige oogirritasie.

Vermoede dat dit kanker veroorsaak.

Hanteer versigtig.

Hou buite bereik van kinders, ongeligte persone en diere.

Stoor agter slot en grendel weg van voedsel, voer, saad en ander landbouchemikalieë.

Stoor in 'n koel plek (onder 20°C).

## **HERBETREDING:**

Moenie die behandelde area betree binne 1 dag na bespuiting tensy beskermende klerasie gedra word nie.

**In geval van vergiftiging**, ontbied 'n geneesheer en toon dië etiket aan hom.

## **VRYWARING:**

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; kwaliteit van verdunningswater; verenigbaarheid met ander stowwe wat nie op die etiket aangedui is nie 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 mens of dier of vir 'n gebrek aan prestasie van die betrokke middle as gevolg van die versuim van die gebruiker om etiketaanwysings na te kom of as gevolg van die ontstaan van toestande wat nie kragtens die registrasie voorsien kon word nie. Raadpleeg die verskaffer of registrasiehouer in die geval van enige onsekerheid.

## **VOORSORGMATREELS:**

### **GHS Voorsorgmaatreëls:**

#### **Algemeen**

Indien mediese advies benodig word, hou die produkhouer of -etiket byderhand.

Hou buite bereik van kinders.

#### **Voorkomende**

Verkry, lees en volg alle veiligheidsinstruksies voor gebruik.

Hou weg van hitte, warm oppervlakte, vonke, oop vlamme en ander ontstekingsbronne. Rook verbode.

Vir spesifieke behandeling, verwys na Afdeling 4 van die SDS.

Hou houer dig geseël.

Aard en verbind houer en ontvangstoerusting.

Gebruik plofbestande ventilase, ontrekking en beligting toerusting.

Gebruik vonkvrye gereedskap.

Stel voorkomende maatreëls teen statiese ontladings in.

Was hande en gesig deeglik na hantering.

Dra beskermende handskoene, beskermende klere, oog- en gesigbeskerming.

Was hande en gesig deeglik na hantering. Moet nie aan oë raak nie.

#### **Reaksie**

Indien blootgestel of besorg, verkry mediese advies.

Indien oogirritasie voortduur: Kry mediese hulp.

Trek alle besoedelde klere uit en was dit voor hergebruik.

In geval van brand: Gebruik blustoerusting soos aangedui in Afdeling 5 van die SDS.

**INDIEN OP VEL (of hare):** Trek onmiddellik alle besoedelde klere uit. Spoel aangetaste areas met water af vir etlike minute onder 'n veiligheidstort.

**INDIEN IN OË:** Spoel onmiddellik met water vir etlike minute. Verwyder kontaklense, indien aanwesig en maklik om te verwyder. Hou aan met spoel.

#### **Bergingvoorsorg**

Berg in 'n goed geventileerde plek. Hou koel.

#### **Ontslaeraak (wegdoen)**

Raak ontslae van inhoud of houer deur gebruik te maak van 'n goedgekeurde afvalverwyderingsfasiliteit, in ooreenstemming met nasionale regulasies.

Vermy inaseming van dampe of spuitnewel en velkontak.

Moet nie eet, drink of rook terwyl produk gemeng en toegedien word nie alvorens hande en gesig gewas is en klere verwissel is nie.

Voorkom besoedeling van voedsel, voer, drinkwater en eetgerei.

Verhoed spuitstofwegdrywing na ander gewasse, weiding, riviere, damme en enige gebied wat nie behandel word nie.

Was en spoel spuittoerusting deeglik uit na gebruik. Maak seker dat waswater nie uitgegooi word waar dit aangrensende gewasse, weidings, riviere of damme kan besoedel nie.

**BELANGRIK:** Keer die leë houer om oor die spuitenk of mengbak en dreineer vir minstens 30 sekondes nadat die vloei tot 'n gedrup verminder het. Spoel die houer daarna drie keer uit met 'n volume water gelykstaande aan 'n minimum van 10% van die houer. Gooi die spoelwater by die inhoud van die spuitenk voordat die houer op die voorgeskrewe wyse vernietig word.

#### RELEVANTE BESTANDEDELE:

Gevaarlike komponent	CAS Nommer	Massa %	GHS Klassifikasie
Forchlorfenuron	68157-60-8	1.19%	Kankerwekkendheid, Kategorie 2. Gevaarlik vir die Wateromgewing, Chronies, Kategorie 2.
Etanol	64-17-5	>60%	Vlambare vloeistowwe, Kategorie 2. Ernstige Oogskade/-irritasie, Kategorie 2A.

**LET WEL:** Die ander bestanddele wat nie hierbo ingesluit is nie, veroorsaak of dra nie by tot die korrekte GHS-klassifikasie van **SITOFEX 10 EC** nie en is dus in terme van die Suid-Afrikaanse Regulasie vir Gevaarlike Chemiese Middels - 2021; Regulasie 14(b), nie gelys nie.

#### NOODHULP:

<b>Algemene advies</b>	Verwyder besoedelde klere onmiddellik en verwyder die geaffekteerde persoon uit die besoedelde area. Hou die persoon warm, kalm en bedek. Noodhulppersoneel moet aandag gee aan hulle eie veiligheid. In die geval van 'n ongeluk of as jy siek voel, verkry mediese advies. Voorsien die SDS en die etiket aan mediese personeel vir behandeling.
<b>Oogkontak</b>	Spoel oë onmiddellik en sagtens uit met water deur oë met lopende water uit te spoel vir etlike minute (ten minste 15 minute), terwyl die ooglede uitmekaar gehou word. Indien tersaaklik - verwyder kontaklense indien dit maklik is om dit te doen. Gaan voort om te spoel. Verkry mediese hulp indien irritasie voorkom en voortduur.
<b>Velkontak</b>	Verwyder onmiddellik alle besoedelde klere. Spoel die vel vir 15 tot 20 minute met koue water af in 'n veiligheidsstort. Moenie die vel hard vryf nie. Verkry mediese hulp indien irritasie voorkom en voortduur. Was besoedelde klere voor hergebruik.
<b>Inaseming</b>	Verwyder die geaffekteerde slagoffer onmiddellik van blootstelling na 'n area met vars lug. Laat gekwalifiseerde personeel suurstof toedien, indien asemhaling moeilik is. Dien kunsmatige asemhaling toe, indien asemhaling gestop het. Moetnie mond-tot-mond-asemhaling toedien wanneer die slagoffer die produk ingeneem of ingeasem het nie; dien kunsmatige asemhaling toe deur gebruik te maak van 'n sakmasker toegerus met 'n eenrigtingklep of ander toepaslike respiratoriese mediese toestel. Indien die pasiënt nie bewusteloos is nie, spoel neus, mond en keel uit met water. Verkry mediese hulp.
<b>Inname</b>	Indien ingesluk, verkry mediese hulp en wys die etiket of SDS aan mediese praktisyn. Indien by bewysyn, spoel mond uit met water. Moet nooit iets per mond aan 'n bewustelose persoon of 'n persoon wat stuiptrekkings toon, gee nie. Moet nie braking veroorsaak nie. Indien braking voorkom, hou kop laag sodat maaginhoud nie in die longe kom nie. Behandel simptome en ondersteunend. Kontak 'n gifinligtingsentrum of 'n mediese praktisyn vir advies.

#### Mediese Advies

Geen spesifieke teenmiddel nie. Behandel simptome en ondersteunend soos aangedui.

#### Belangrikste simptome/effekte, akute en vertraag:

Vel en oog irritasie. Blootstelling kan hoofpyn, duiseligheid, lomerigheid, 'n verlies aan koördinasie en 'n demping van die sentrale senuweestelsel veroorsaak.

#### GEBRUIKSAANWYSINGS: GEBRUIK SLEGS SOOS AANGEDUI

#### MENGBAARHEID:

**SITOFEX 10 EC** is nie mengbaar met insek- of swamdoders nie en moet dus nie in 'n tenkmengsel saam met hierdie middels gebruik word nie. **SITOFEX 10 EC** kan wel in 'n tenkmengsel saam met gibberelliensuur gebruik word.

#### TOEDIENINGSINSTRUKSIES:

- Om die beste resultate te verkry, moet **SITOFEX 10 EC** toegedien word onder toestande waar afdroging stadig plaasvind b.v. vroegoggend, laatmiddag, of snags. Sodoende sal voldoende opname plaasvind.
- Moenie **SITOFEX EC** toedien as die plante onder stres verkeer nie. Die effektiwiteit van die produk mag hierdeur benadeel word.

3. Die gebruik van bevorderingsmiddels saam met **SITOFEX EC** word nie aanbeveel nie. Indien die produk in 'n tenkmengsel saam met die gibberelliensuur toegedien word, moet die konsentrasie van die bevorderingsmiddels wat aanbeveel word vir gebruik saam met die gibberelliensuur nie oorskry word nie.
4. Dien as 'n gerigte bespuiting op jong vrugte of trosse toe. Algehele bedekking van die vrugte is noodsaaklik. By tafeldruiwe kan ook van die doopmetode gebruik gemaak word.

#### **Wingerd:**

- Moenie **SITOFEX 10 EC** toedien alvorens na-blom afspeen van korrels nie plaasgevind het nie.
- Verseker deeglike benatting en dien toe teen 'n volume van tussen 1000 en 1500 L water per hektaar op gevestigde wingerde. By tafeldruiwe kan 'n doop behandeling van die trosse ook gebruik word.
- Gebruik dienooreenkomstig minder op jonger wingerd.

#### **Kiwivrugte:**

- Gebruik 'n spuitstang of rugsakspuit teen 'n volume van tussen 800 en 1000 L water per hektaar op gevestigde stokke. Gebruik dienooreenkomstig minder op jonger stokke.
- Gebruik van **SITOFEX 10 EC** op kiwivrugte in die Natal-streek word nie aanbeveel nie. Gebruik effektiewe vrugtevliegbeheermaatreëls aangesien **SITOFEX 10 EC** behandelde vrugte meer onderhewig aan vrugtevlieg aanvalle kan wees.

#### **TOEDIENINGSHOEVEELHEDE:**

<b>GEWAS</b>	<b>DOSIS PER 100 L WATER</b>	<b>OPMERKINGS</b>
KIWIVRUGTE cv. Hayward	100 ml	Dien 2 tot 3 weke na volblom as 'n gerigte bespuiting op jong vrugte toe. Algehele bedekking van vrugte is noodsaaklik.
cv. Allison/Abbot en Donné	100 ml	Dien 3 tot 4 weke na volblom as 'n gerigte bespuiting op jong vrugte toe. Algehele bedekking van vrugte is noodsaaklik.
TAFELDRUIWE cv. Thompson seedless	50 ml + 30 dpm Gibberelliensuur (bv. ProGibb 40%)	Vir vergroting van korrels en vermindering van loskorrelprobleem: Dien toe as 'n gerigte bespuiting of doop-behandeling by 4 tot 6 mm korrelgrootte, om saam te val met die tweede gibberelliensuur toediening vir korrelvergroting.
cv. Waltham Cross	50 ml	Vir korrelvergroting, vermindering van loskorrel probleem in wingerd met yl-trosse: Dien toe as 'n gerigte bespuiting of doopbehandeling by 4 tot 6 mm korrelgrootte.
cv. Muscat d'Alexandrie	75 ml	Vir korrelvergroting, vermindering van loskorrelprobleem en as teen-voeter vir stingeluitdroging: Dien toe as 'n gerigte bespuiting of doopbehandeling by 4 tot 6 mm korrelgrootte.
NOTA: <b>SITOFEX 10 EC</b> mag 'n vertraging in rypwording van ongeveer 7 dae by tafeldruiwe tot gevolg hê. Dit kan egter ook handig te pas kom om die oestyd in sommige blokke te manipuleer.		

<b>24 UUR NOODGEVAL: TEL. NR.:</b> 086 155 5777 (Poisons Information Centre) 082 446 8946 (Griffon Poison Information Centre)
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