

Main Panel

# INHIBIT<sup>®</sup> 480 SC

Reg. No./Nr L10568, Act No./Wet Nr. 36 of/van 1947  
Botswana Reg. No./Nr W1301154, Act No./Wet Nr. of/van 1999  
Malawi Reg. Nr./ MW/PCB/2016/0763  
Namibian Reg. No./Namibiese Reg. Nr. N-AR1702

**READ THE LABEL BEFORE USE**

**KEEP OUT OF REACH OF CHILDREN AND ANIMALS**

A suspension concentrate, systemic fungicide with contact and translaminar action for the control of various diseases as indicated in potatoes and soybeans.

'n Suspensie konsentraat sistemiese swamdoder met kontak- en translaminêre aksie vir die beheer van verskeie siektes soos aangedui in aartappels en sojabone.

|               |   |    |                       |
|---------------|---|----|-----------------------|
| GROUPS/GROEPE | 3 | 11 | FUNGICIDES/SWAMDODERS |
|---------------|---|----|-----------------------|

**Active ingredients:**

Azoxystrobin (strobilurin) .....240 g/ℓ .....  
Tebuconazole (triazole) .....240 g/ℓ .....

**Aktiewe bestanddele:**

Asoksiestrobie (strobilurie)  
Tebukonasool (triasool)

Net Volume



Netto Volume



**GHS Hazard Statements**

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

**GHS Precautionary Statements**

Do not breathe mist, vapours or spray.  
Wash thoroughly after handling



**REGISTRATION HOLDER / REGISTRASIEHOUER:**

**Nulandis<sup>®</sup> (A division of AECI Limited)/ Nulandis<sup>®</sup> ('n Afdeling van AECI Beperk)**

Reg. No. / Nr. 1924/002590/06

P.O. Box / Posbus 14418

Witfield, 1467

Tel : (011) 823 8000

www.aeciph.com

IN CASE OF POISONING PLEASE PHONE / IN GEVAL VAN VERGIFTIGING SKAKEL ;  
0861 555777 / 082 446 8946

**Inhibit<sup>®</sup>** is a registered trademark of AECI Limited (Nulandis a division of AECI Limited)/'n geregistreerde handelsmerk van AECI Beperk (Nulandis 'n afdeling van AECI Beperk)

**Batch No:**

**Lotnommer:**

**DATE OF MANUFACTURE : VERVAARDIGINGSDATUM:**

**UN No. / VN Nr. 3082** Environmentally hazardous substance, liquid, n.o.s.

**Pamphlet**

INHIBIT 480 SC : New GHS Label : July 2022 : Approved 2023

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**WARNING**

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**WARNINGS:**

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**WITHHOLDING PERIODS;**

**IN CASE OF CROPS GROWN FOR LOCAL CONSUMPTION ALLOW THE FOLLOWING  
NUMBER OF DAYS BETWEEN THE LAST APPLICATION AND HARVESTING OR GRAZING.**

**IF THE CROP TO BE TREATED IS INTENDED FOR EXPORT, CONSULT THE RELEVANT  
EXPORTING ORGANISATION REGARDING WITHHOLDING PERIODS.**

|                 |                |
|-----------------|----------------|
| <b>POTATOES</b> | <b>3 DAYS</b>  |
| <b>SOYBEANS</b> | <b>36 DAYS</b> |

**NOTE:** Compliance with these withholding periods will ensure that residues do not exceed local Maximum Residue Limits (MRL's), but the import tolerances of other countries might possibly be exceeded. If the crop to be treated is intended for export, consult the relevant importer or exporting body regarding the use of this product, Maximum Residue Limits and recommended withholding periods.

Store under lock and key in a cool, dry place away from food and feed.

Keep out of reach of children, uninformed persons and animals.

**Re-entry:** Do not enter treated area until spray deposit has dried unless wearing protective clothing. In case of poisoning – CALL A DOCTOR AND MAKE THIS LABEL AVAILABLE TO HIM/HER.

**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 TO 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 INSTRUCTION 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:**

**GHS Precautionary Statements**

Do not breathe mist, vapours or spray.

Wash thoroughly after handling.

Wear protective gloves, protective clothing, eye protection and face protection.

IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTRE or doctor if you feel unwell.

Do not eat, drink or smoke whilst mixing or applying the product or before washing hands and face and changing clothes

Prevent contamination of food and feed, drinking water and eating utensils.

Prevent spray drift onto other crops, grazing, rivers, dams or areas not under treatment.

Clean applicator thoroughly after use and dispose of wash water where it will not contaminate crops, grazing, rivers or dams.

**Triple rinse the empty container:** 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](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:**

| Substance name<br>(IUPAC/EC) | Concentration<br><br>% By weight | Classification                                                                                                                          |
|------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
|                              |                                  | EC1272/2008                                                                                                                             |
| Ethoxylated fatty alcohol    | 1-10%                            | Acute toxicity oral (Category 4) H302. Serious eye damage (Category 1) H318.                                                            |
| Mono ethylene glycol         | 1-10%                            | Acute toxicity oral (Category 4) H302.                                                                                                  |
| Tebuconazole                 | 20-30%                           | Acute toxicity oral (Category 4) H302.<br>Reproductive toxicity (Category 2) H361. Aquatic acute 1 H400. Aquatic chronic 1 H410 (M=10). |
| Azoxystrobin                 | 20-30%                           | Acute Toxicity inhalation (Category 3) H331.<br>Aquatic acute 1 H400. Aquatic chronic 1 H410.                                           |

**NOTE:** The other ingredients not included above, do not cause or contribute towards the correct GHS classification of **INHIBIT 480 SC** and are therefore, in terms of the South African Regulations for Hazardous Chemical Agents - 2021; Regulation 14(b), not listed.

**FIRST AID:**

**In case of inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

**In case of skin contact:** In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

**In case of eye contact:** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention immediately.

**In case of ingestion** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention.

**NOTE TO PHYSICIAN:**

Treat symptomatically.

**RESISTANCE WARNING:**

For resistance management, **INHIBIT 480 SC** is a Group Codes 11 & 3 fungicide. Any fungus may contain individuals naturally resistant to **INHIBIT 480 SC** and other Group Codes 11 & 3 fungicides. The resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly. The resistant fungi may not be controlled by **INHIBIT 480 SC** or any other Group Codes 11 & 3 fungicides.

To 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 different fungicide groups, refer to applicable individual product labels.
- Integrate other control methods (chemical, cultural, biological) into disease control programmes.

#### **QoI resistance management**

**Potatoes:** The application of QoI containing mixtures should not exceed 50% of the total number of sprays including that for early and late blight control.

**Soybeans:** Apply QoI fungicides according to manufacturer's recommendations for the target disease (or complex) at the specific crop growth stage indicated. Effective disease management is a critical parameter in delaying the build-up of resistant pathogen populations.

Use QoI 's preventatively or as early as possible in the disease cycle.

Use QoI's preferably in mixtures (co-formulations or tank mixes) with fungicides from a different cross-resistance group.

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

#### **MODE OF ACTION:**

The mode of action of azoxystrobin is **to prevent the respiration of fungi due to the disruption of electron transport chain, preventing ATP synthesis** (this occurs as the azoxystrobin binds to the Qo site of Complex III within the mitochondrion).

Tebuconazole is a fungicide that is known as a DMI (demethylation inhibiting fungicide). This means that Tebuconazole works by **affecting the cell walls of fungi by suppressing spore germination and fungus growth**.

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

#### **COMPATIBILITY:**

The compatibility of **INHIBIT 480 SC** with fungicides or insecticides has not been evaluated. It is advisable to carry out a physical compatibility test prior to application, before **INHIBIT 480 SC** is tank-mixed with any agricultural remedy. **Leaf scorch may occur on potatoes when tank mixtures are applied.**

#### **MIXING INSTRUCTIONS:**

Half fill the spray tank with clean water. Add the required volume of **INHIBIT 480 SC** to a small amount of water, mix thoroughly and add it to the spray tank while agitating. Fill the spray tank with water while agitating continuously. Do not allow tank mixture to settle. Refer to the labels of the products with which **INHIBIT 480 SC** is to be tank-mixed and adhere to all warnings, precautions and directions for use on that label. First mix small quantities of the agricultural remedies separately with water, before adding it to the spray tank. It is recommended to add these mixtures together while agitating and check for any signs of incompatibility e.g. flocculation etc. Do not leave tank mixture standing in any spray or supply tank for any length of time.

### **APPLICATION METHODS:**

Ensure that the application equipment to be used is in a good working condition and correctly calibrated and not contaminated with other chemicals. Use the spray volumes as indicated to ensure good coverage. Do not use on plants under stress conditions (i.e. drought, waterlogging, wilting etc.).

#### **Ground application:**

**INHIBIT 480 SC** can be applied with any suitable medium or conventional high volume applicator, provided it is correctly calibrated, is fitted with an effective agitation mechanism and is able to distribute the spray material evenly over the target area.

#### **APPLICATION TABLE:**

| <b>CROP</b>     | <b>DISEASE</b>                                                           | <b>DOSAGE</b>                      | <b>REMARKS</b>                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------|--------------------------------------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>POTATOES</b> | Early blight<br>( <i>Alternaria solani</i> )                             | 350 ml/ in<br>500 ℓ water / ha     | Apply a maximum of 3 sprays at 7 day intervals when the first signs of infection are expected. Ensure good coverage of the plants.<br><br><b>INHIBIT 480 SC</b> should not be applied more than 3 times per season and it should not be applied as the last application of the season. Where Early blight is a problem earlier or later in the growing season a suitable fungicide from a different chemical group should be used. |
| <b>SOYBEANS</b> | Soybean rust<br>( <i>Phakopsora pachyrhizi</i> ,<br><i>P. meibomia</i> ) | 400 ml/ in<br>300 - 500 ℓ water/ha | Apply at first signs of disease or during flowering and repeat 21 days later. Ensure thorough coverage of the whole plant.                                                                                                                                                                                                                                                                                                         |

