

# BROMOXYNIL 225 EC

Reg. No. / Nr L9951 Act No. 36 of 1947/ Wet Nr 36 van 1947

HERBICIDE



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

HRAC HERBICIDE GROUP CODE

6/24

HRAC ONKRUIDDODERGROEP KODE:

Emulsifiable concentrate. A herbicide for the selective control of certain broadleaf weeds in wheat, barley, oats, Lucerne, maize and grain sorghum.

Emulgeerbare konsentraat. Onkruiddoder vir die selektiewe beheer van sekere breëblaaronkruide in koring, gars, hawer, lusern, mielies en graansorghum.

**ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL:**

Bromoxynil (nitrile) (octanoate) ..... 225 g/l.....bromoksinil (nitrile) (oktanoaat)



**DANGER**



**Hazard Statements:**

Flammable liquid and vapour.  
Toxic if swallowed.  
Harmful in contact with skin.  
Causes mild skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye damage.  
Suspected of damaging fertility or the unborn child.  
Very toxic to aquatic life with long lasting effects.

**Precautionary Statements:**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.  
Do not breathe vapours, spray.  
In case of inadequate ventilation wear respiratory protection.  
IF SWALLOWED: Immediately call a poison centre or doctor.  
IF ON SKIN: Wash with plenty of soap and water.  
Take off immediately all contaminated clothing.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
IF IN EYES: Rinse cautiously with water for several minutes.  
Immediately call a poison center or doctor.  
If skin irritation or rash occurs: Get medical advice/attention.  
In case of fire: Use D-powder, carbon dioxide (CO<sub>2</sub>), alcohol resistant foam to extinguish.

Batch No:

D.O.M:

D.O.E:

Net Contents:

See reverse of drum for details.

FOR FULL PARTICULARS SEE ATTACHED PAMPHLET.  
VIR VOLLEDIGE BESONDERHEDE KYK AANGEHEGTE ETIKET.

UN No. / VR Nr: 1992

Poison Information Helpline (24 hrs): 0861 555 777



REGISTRATION HOLDER/ REGISTRASIEHOUER  
Cedar Falls Properties 130 (Pty) Ltd  
Reg. Nr.: Reg. 2006/031383/07  
61 Marshall Drive, Old Mill Industrial Park,  
Mount Edgecombe, South Africa, 4300  
Tel: 031 003 3486



**BARCODE**

10164

165(H) x 140(W) mm

CYAN

MAG

YEL

BLK

100301

## **WARNINGS:**

**Hazard Statements:** Flammable liquid and vapour. Toxic if swallowed. Harmful in contact with skin. Causes mild skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Suspected of damaging fertility or the unborn child. Very toxic to aquatic life with long lasting effects.

### **Pre-harvest interval:**

Allow the following withholding periods between application and grazing or feeding:

Barley, Oats, Lucerne & Wheat:	40 days
Maize& Grain sorghum	14 days

- Handle with extreme care.
- Store under lock and key in a cool, dry place, away from food, feeds and seed.
- Keep out of reach of children, uninformed persons and animals.
- **In case of poisoning call a doctor and make the label available to him/her.**
- **Re-entry Interval:** Do not enter treated area within 2 days after treatment unless wearing protective clothing.
- **Aerial Application Warning:** Notify all inhabitants of the immediate area to be sprayed and issue the necessary warnings. Do not spray over or allow drift to contaminate water and adjacent areas.

### **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 soil, climatic and storage conditions; quality of dilution water, incompatibility with other substances not indicated on the label and the occurrence of resistance of the weeds to the remedy concerned as well as by the method, time and accuracy of application. The registration holder further 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 in event of any uncertainty.

## **PRECAUTIONS:**

### **Precautionary Statements**

**Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof equipment. Use non-sparking tools. Take action to prevent static discharges. Do not breathe vapours, spray. Wash hands, forearms and face thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. In case of inadequate ventilation wear respiratory protection.

**Response IF SWALLOWED:** Immediately call a poison center or doctor. **IF ON SKIN:** Wash with plenty of soap and water. Take off immediately all contaminated clothing. **IF INHALED:** Remove person to fresh air and keep comfortable for breathing. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. Immediately call a poison center or doctor. Call a poison center or doctor if you feel unwell. Specific treatment is urgent (see supplemental first aid instruction on this label). If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. In case of fire: Use D-powder, carbon dioxide (CO<sub>2</sub>), alcohol resistant foam to extinguish. Collect spillage.

**Storage:** Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.

**Disposal:** Dispose of contents and container to an approved waste disposal plant.

- Avoid drift of spray onto other crops, grazing, rivers, dams and areas not under treatment.
- Clean application equipment after use. Dispose of wash water where it will not contaminate crops, grazing, rivers, dams and boreholes.
- **TRIPLE RINSE the empty container as follows:** 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.
- Destroy empty container and do not use for any other purpose.
- Prevent contamination of food, feeds, drinking water and eating utensils.

**RELEVANT SUBSTANCES:**

NAME	PRODUCT IDENTIFIER
Bromoxynil TC	CAS-No.: 1689-99-2
Polyoxyethylene phenyl ether	CAS-No.: 9004-78-8
Calcium dodecylbenzenesulfonate	CAS-No.: 26264-06-2

**SYMPTOMS OF HUMAN POISONING:**

If swallowed and aspirated into the lungs, chemical pneumonia can occur.

Swallowing may cause sweating, raised temperature, rapid breathing, and muscle rigidity. Breathing vapours may cause listlessness, raspy breathing, and lung injury. High concentrations may have an anaesthetic effect.

**FIRST AID TREATMENT:**

The airway should be kept clear to maintain respiration. First aid treatment should be performed by qualified medical personnel and should include, if necessary, mouth-to-nose respiration and cardiac massage.

**Inhalation:** Immediately remove source of contamination or move the patient to fresh air. Keep the patient warm and at rest. If necessary, perform mouth-to-nose respiration and administer oxygen. Obtain medical advice immediately.

**Skin contact:** Remove contaminated clothing, shoes and leather goods immediately. Wash skin gently and thoroughly with clean water and non-abrasive soap until no evidence of chemical remains. Obtain medical advice immediately.

**Eye contact:** Flush eyes immediately with large amounts of gently flowing cold water, occasionally lifting upper and lower lids, for at least 15 to 20 minutes until no evidence of chemical remains. Obtain medical advice.

**Ingestion:** Do not induce vomiting, due to aromatic solvent present in product. Obtain medical advice immediately and make the container, or label or Data Sheet available.

Never give anything by mouth to a semi-conscious or unconscious person. If vomiting occurs, take care to prevent vomit from being inhaled. Establish and maintain airway. Treat respiratory difficulty with artificial respiration and oxygen.

**ADVICE TO PHYSICIAN:**

If product is aspirated into the lungs during ingestion or vomiting, mild to severe chemical pneumonia may be caused. There is no known antidote. Treat symptomatically and supportively as and when required. Gastric lavage or the administration of activated charcoal with water may be indicated.

**RESISTANCE WARNING:**

**BROMOXYNIL 225 EC** is a group code **6/24** herbicide. Any weed population may contain individuals naturally resistant to **BROMOXYNIL 225 EC** and other group code **6/24** herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by **BROMOXYNIL 225 EC** or any other group code 6/24 herbicide.

To delay herbicide resistance:

- Avoid exclusive repeated use of herbicides from the same herbicide group code. Alternate or tank mix with products from different herbicide group codes,
- Integrate other control methods (chemical, cultural, biological) into weed control programmes.

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

**MODE OF ACTION**

Selective, contact herbicide, absorbed by foliage, limited translocation.

**DIRECTIONS FOR USE: Use only as directed.****COMPATIBILITY:**

- **BROMOXYNIL 225 EC** is compatible with atrazine SC, MCPA and alachlor 384 EC. However, since it is not possible for this registered company to test all possible combinations, the onus lies with the user to carry out a compatibility test, if tank mixtures are considered.
- The warnings, precautions, restrictions, recommendations, instructions and directions for use on the labels of the products that are mixed should be strictly adhered to.

#### **MIXING INSTRUCTIONS:**

- Half fill the spray tank with clean water.
- Measure out the required quantity of **BROMOXYNIL 225 EC** and add to the spray tank while agitating.
- Fill the spray tank with water to the required volume, while maintaining agitation to ensure thorough mixing.
- When mixing **BROMOXYNIL 225 EC** with other registered herbicides use the following procedure: fill the spray tank approximately half the required volume of water in the spray tank and add the complementary herbicide agitating continuously. Add the **BROMOXYNIL 225 EC** just before the tank is filled to full capacity.
- Maintain agitation during spraying.
- Use the prepared mixture immediately.
- Do not allow to stand overnight.

#### **METHOD OF APPLICATION:**

##### **Ground Application:**

- For application by means of tractor-mounted sprayer, the use of a conventional spray boom fitted with flat fan nozzles is recommended. Use a low spray pressure (100 to 300 kPa) so that **BROMOXYNIL 225 EC** is applied as a coarse droplet spray.
- DO NOT APPLY AT HIGH PRESSURE.
- Ensure thorough coverage of the weeds by applying at least 300 litres of spray mixture per hectare.

##### **Aerial Application:**

Aerial application of **BROMOXYNIL 225 EC** may only be done by a registered Aerial Application Operator using a correctly calibrated, registered aircraft according to the instructions of SANS Code 10118 (Aerial Application of Agricultural Pesticides). Ensure that the spray mixture is distributed evenly over the target area and that the loss of spray material during application is restricted to a minimum. It is therefore essential that the following criteria be met:

- **Volume:** A spray mixture volume of 30 to 40 litre per hectare is recommended. As this product has not been evaluated at a reduced volume rate, the registration holder cannot guarantee efficacy, or be held responsible for any adverse effects if this product is applied aerially at a lower volume rate than recommended above.
- **Droplet coverage:** 35 to 45 droplets per cm<sup>2</sup> must be recovered at the target area.
- **Droplet size:** A droplet spectra with a VMD of 350 to 400 microns is recommended. Limit the production of fine droplets less than 150 microns (high drift and evaporation potential) to a minimum.
- **Flying height:** Maintain the height of the spray boom at 3 to 4 metres above the target. Do not spray when aircraft dives, is in a climb or when banking.
- Use suitable atomising equipment that will produce the desired droplet size and coverage, but which will ensure the minimum loss of product. The spraying system must produce a droplet spectrum with the lowest possible Relative Span.
- Position all the atomisers within the inner 60 to 75 % of the wingspan to prevent droplets from entering the wingtip vortices.
- The difference in temperature between the wet and dry bulb thermometers, of a whirling hygrometer, should not exceed 8°C.
- Stop spraying if the wind speed exceeds 15 km/h.
- Stop spraying under turbulent, unstable and dry conditions during the heat of the day.
- Spraying under temperature inversion conditions (spraying in or above the inversion layer) and/or low humidity conditions (relative humidity 50 % and below) may lead to the following:
  - reduced efficacy due to suspension and evaporation of small droplets in the air (inadequate coverage)
- Ensure that the Aerial Spray Operator knows exactly which fields to spray.
- Obtain an assurance from the Aerial Spray Operator that the above requirements will be met and that relevant data will be compiled in a logbook and kept for future reference.

#### **IMPORTANT NOTES:**

1. Do not apply **BROMOXYNIL 225 EC** when weeds are older than specified, as this will result in poor weed control.
2. Apply only during moist conditions, when the weeds are actively growing. Poor weed control may result if **BROMOXYNIL 225 EC** is applied when the weeds have been subjected to moisture stress or other stress.
3. Avoid application when the wind speed exceeds 8 km/h.
4. Ensure thorough coverage of weeds.
5. Since **BROMOXYNIL 225 EC** is a contact herbicide weeds which have not emerged at the time of application will not be controlled by **BROMOXYNIL 225 EC** alone.
6. Consult your **BROMOXYNIL 225 EC** representative before mixing **BROMOXYNIL 225 EC** with other chemicals.
7. When MCPA is added, application to wheat must be made between growth stages 7 and 13 according to the list of growth stages issued by

- the Small Grain Institute, Bethlehem. Apply to barley when the plants are in the 5 to 7-leaf stages and to oats in the 5-leaf stage.
8. In the winter rainfall area, when MCPA is added at 0,5 litre per hectare, the mixture may be applied in small grains from the 3-leaf stage of the crop. Apply **BROMOXYNIL 225 EC/MCPA** mixtures between emergence and the 6-leaf stage of the weeds.
  9. Under certain conditions **BROMOXYNIL 225 EC** may cause some leaf scorch or yellowing in lucerne or grain crops. This is a transitory effect and yield will not be affected.
  10. Do not apply wetting agent when spraying mielies, sorghum or lucerne.
  11. When **BROMOXYNIL 225 EC** is mixed with any other product, the information on the label of that product must also be carefully read and its instructions followed.

**12. WAITING PERIODS:**

When **BROMOXYNIL 225 EC** is mixed with atrazine SC, the following waiting periods must be adheared to, before atrazine sensitive crops can be planted:

6 months when atrazine is used at 1 litre per hectare and

9 months when atrazine is used at 2 litres per hectare.

For more information consult the atrazine SC labels.

CROP:	DOSAGE RATE:	REMARKS:
<b>Cereals: WHEAT, OATS &amp; BARLEY</b>	1,5 - 2,0 ℥/ha	The cereal seedlings should be between the 3-leaf and the end of the stooling stage. Do not spray before the 3-leaf stage and from the beginning of the tillering stage onwards. Apply when the weeds are fully emerged but not older than the 6-leaf stage (3-leaf stage for problem weeds listed below). Use the higher rate for aerial application.
	1,5 ℥ plus 0,5 - 1,0 ℥ MCPA (potassium salt)/ha	Refer to NOTE 7 and 8 for time of application. Use the higher rate of MCPA in the Eastern Free State when Polygonum aviculare is a problem. Use the higher rate of <b>BROMOXYNIL 225 EC</b> for aerial application.
<b>UNDERSOWN LUCERNE IN GRAIN CROPS</b>	1,5 - 2,0 ℥/ha	Apply when the weeds are fully emerged but not older than the 6-leaf stage (3-leaf stage for problem weeds listed below). Do not apply to lucerne younger than the second trifoliate leaf stage, or where clovers have been undersown. Use the higher rate for aerial application. Do not apply mixture with MCPA.
<b>ESTABLISHED LUCERNE</b>	2,0 - 3,0 ℥/ha	Apply after cutting the lucerne and after the weeds are fully emerged but not older than the 6-leaf stage (3-leaf stage for problem weeds listed below). Use the higher rate for aerial application, or for ground application when the weed stand is very dense. Refer to NOTE 9 concerning possible yellowing of the lucerne.

<b>MAIZE</b>	1,5 ℥ to 2,0 ℥/ha	Apply as ground or aerial spray (see above) when the weeds are fully emerged but not older than the 6-leaf stage (3-leaf stage for problem weeds listed below). Use the higher rate for aerial application. Do not apply to maize younger than the 4-leaf stage.
	1,0 ℥ plus 1,0 ℥ to 2,0 ℥ Atrazine SC/ha	Apply as ground or aerial spray when the weeds are fully emerged but not older than the 6-leaf stage (3-leaf stage for problem weeds listed below). The atrazine dose rate should be in accordance with the degree of persistence desired. Do not apply to maize younger than the 4-leaf stage. Do not use under irrigation as the atrazine may damage atrazine-sensitive follow-up crops.
	1,5 ℥ plus 1,0 ℥ MCPA (Potassium salt)/ha	Apply as ground or aerial spray when weeds are fully emerged but not older than the 6-leaf stage. Can be applied at any stage of the crop from the emergence to flowering. If the crop is taller than 40 cm directed spraying is recommended so that between wetting of weeds is obtained. Do not apply under cold, wet conditions, as this may result in damage to the crop.
<b>MAIZE</b> Conservation tillage	1,5 ℥ plus 4.0- 5,0 ℥ alachlor 384 EC/ha	Apply prior to, or within 2 days of planting the crop to control broadleaf weeds (as listed below) which are not older than the 6-leaf stage (3-leaf stage for problem weeds listed below). This treatment will also have a pre-emergence herbicidal action. Alachlor should be applied according to supplier's label recommendations.
<b>GRAIN SORGHUM</b>	1,0 ℥ plus 1.0 – 2.0 ℥ atrazine SC/ha	Follow the instructions for application of <b>BROMOXYNIL 225 EC</b> plus atrazine in maize but do not apply by air.
	1,5 ℥ plus 1,0 ℥ MCPA (Potassium salt)/ha	Follow the instructions for application of <b>BROMOXYNIL 225 EC</b> Plus MCPA in maize, but do not apply by air.

#### WEEDS CONTROLLED BY BROMOXYNIL 225 EC:

**NOTE:** This product controls some annual broadleaf weeds. Other broadleaf weeds that were not present during the development trials with the product, may possibly also be controlled to a certain degree. The registration holder does not accept any responsibility for unlisted weeds.

<i>Acanthospermum hispidum</i>	Upright starbur
<i>Amaranthus hybridus</i>	Common pigweed
<i>Amaranthus spinosus</i>	Thorny pigweed
<i>Amaranthus thunbergii</i>	Red pigweed
<i>Amsinckia calycina</i>	Fiddle neck
<i>Anthemis cotula</i>	Stinking mayweed
<i>Arctotheca calendula</i>	Cape marigold

<i>Argemone subfusiformis</i>	White-flowered Mexican poppy
<i>Bidens formosa</i>	Cosmos
<i>Bidens pilosa</i>	Common Blackjack
<i>Bilderdykia convolvulus</i>	Climbing knotweed
<i>Capsella bursa-pastoris</i>	Shepherd's Purse
<i>Chenopodium album</i>	White goosefoot
<i>Chenopodium ambrosioides</i>	Wormseed goosefoot
<i>Chenopodium carinatum</i>	Green goosefoot
<i>Chenopodium multifidum</i>	Stinking goosefoot
<i>Chenopodium murale</i>	Nettle-leaved goosefoot
<i>Chenopodium schraderianum</i>	Schrader goosefoot
<i>Citrullus lanatus</i>	Wild watermelon
<i>Cleome gynandra</i>	Spider-wisp
<i>Cucumis myriocarpus</i>	Striped wild cucumber
<i>Datura ferox</i>	Large thorn apple
<i>Datura stramonium</i>	Thorn apple
<i>Flaveria bidentis</i>	Smelter's bush
<i>Galinsoga parviflora</i>	Gallant Soldier
<i>Giseckia pharnacioides</i>	Giseckia
<i>Helianthus annuus</i>	Sunflower (erratic control)
<i>Hibiscus trionum</i>	Bladder weed
<i>Ipomoea coccinea</i>	-Common morning glory
<i>Ipomoea purpurea</i>	Pepperweed
<i>Lepidium bonariense</i>	Annual yellow sweet clover
<i>Melilotus indica</i>	Apple of Peru
<i>Nicandra physalodes</i>	Stinkweed
<i>Pentzia grandiflora</i>	Wild gooseberry
<i>Physalis angulata</i>	Tropical Richardia
<i>Richardia brasiliensis</i>	Castor-oil plant
<i>Ricinus communis</i>	Dwarf marigold
<i>Schkuhria pinnata</i>	Molteno disease senecio
<i>Senecio burchellii</i>	Wild sesame
<i>Sesamum triphyllum</i>	Heartleaf Sida
<i>Sida cordifolia</i>	Black nightshade
<i>Solanum nigrum</i>	Sowthistle

<i>Sonchus oleraceus</i>	Sowthistle
<i>Tagetes minuta</i>	Khakiweed
<i>Vicia hirsute</i>	Tiny purple vetch
<i>Vicia sativa</i>	Broad-leaved purple vetch
<i>Xanthium spinosum</i>	Spiny cocklebur
<i>Xanthium strumarium</i>	Cocklebur

**PROBLEM WEEDS:**

These weeds will only be controlled by **BROMOXYNIL 225 EC** if sprayed between emergence and the 3-leaf stage.  
Spray *Tribulus terrestris* when the plantlets are no bigger than 25 mm in diameter.

<i>Amaranthus deflexus</i>	Perennial pigweed
<i>Cleome monophylla</i>	Spindlepod
<i>Emex australis</i>	Spiny Emex
<i>Polygonum aviculare</i>	Prostrate knotweed
<i>Raphanus raphanistrum</i>	Wild radish
<i>Sisymbrium thellungi</i>	Common wild mustard
<i>Tribulus terrestris</i>	Dubbeltjie

**WEEDS CONTROLLED BY BROMOXYNIL 225 EC/ATRAZINE SC MIXTURES:**

In addition to the weeds controlled by **BROMOXYNIL 225 EC**, the following weeds are controlled by mixtures of **BROMOXYNIL 225 EC** and atrazine SC as recommended for use in maize and grain sorghum:

<i>Commelina benghalensis</i>	Benghal wandering Jew
<i>Portulaca oleracea</i>	Purslane

## WAARSKUWINGS:

**Gevaarstellings:** Vlambare vloeistof en damp. Giftig indien ingesluk. Skadelik in kontak met die vel. Veroorsaak lige velirritasie. Kan 'n allergiese velreaksie veroorsaak. Veroorsaak ernstige oogskade. Word daarvan verdink dat dit vrugbaarheid of die ongebore kind beskadig. Baie giftig vir waterlewé met langdurige effekte.

## Voor-oes interval:

- Laat die volgende wagperiodes toe tussen bespuiting en voer of beweiding:

Gars, Hawer, Koring & Lusern:	40 dae
Mielies & Graansorghum:	14 dae

- Hanteer uiters versigtig.
- Berg agter slot en grendel in 'n koel, droë plek, weg van voedsel, voer en saad.
- Hou buiten bereik van kinders, oningelegte persone en diere.
- **In geval van vergiftiging, ontbied 'n dokter en maak die etiket aan hom/haar beskikbaar.**
- **Herbetreding:** Moet nie behandelde gebied betree vir 2 dae na die bespuiting nie, tensy beskermende oorklere gedra word.
- **Lugtoediening:** Stel alle persone in die onmiddellike omgewing van die gebied wat behandel gaan word in kennis en reik die nodige waarskuwings uit. Moet nie aangrensende gebiede van waterbronne bespuit of toelaat dat die sproeinewel daarheen oorwaai nie.

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-, klimaat- en bergingstoestande; kwaliteit van verdunningswater, onverenigbaarheid met ander stowwe wat nie op die etiket aangedui is nie en die voorkom van weerstand van die onkruid 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 mens of dier of vir 'n gebrek aan prestasie van die betrokke middel 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 in die geval van enige onsekerheid.

## VOORSORGMAATREËLS:

### Voorsorgstellings

**Voorkoming:** Kry spesiale instruksies voor gebruik. Moenie hanteer voordat alle veiligheidsmaatreëls gelees en verstaan is nie. Hou weg van hitte, warm oppervlaktes, vonke, oop vlamme en ander ontstekingsbronne. Geen rook nie. Hou die houer dig toe. Grond en bind houer en ontvangertoerusting. Gebruik ontploffingsvaste toerusting. Gebruik gereedskap wat nie vonkel nie. Neem aktie om statiese ontladings te voorkom. Moet nie dampe, sproei inasem nie. Was hande, voorarms en gesig deeglik na hantering. Moet nie eet, drink of rook wanneer hierdie produk gebruik word nie. Gebruik slegs buite of in 'n goed geventileerde area. Besoedelde werksklere moet nie uit die werkplek toegelaat word nie. Vermy vrylatting na die omgewing. Dra beskermde handskoene/ beskermende klere/oogbeskerming/gesigbeskerming. Dra asemhalingsbeskerming in die geval van onvolledige ventilasie.

**Reaksie:** INDIEN INGESLUK: Ontbied onmiddellijk 'n gifsentrum of dokter. INDIEN OP DIE VEL: Was met baie seep en water. Trek onmiddellik alle gekontamineerde klere uit. INDIEN INGESAEM: Verwyder persoon na vars lug en hou gemaklik om asem te haal. INDIEN IN OÉ: Spoel versigtig uit met water vir 'n paar minute. Verwyder kontaklense, indien teenwoordig en maklik om te doen. Gaan voort met spoel. INDIEN blootgestel of bekommert: Kry mediese advies/aandag. Bel dadelik 'n gifsentrum of dokter. Bel 'n gifsentrum of dokter as jy onwel voel. Spesifieke behandeling is dringend (sien aanvullende nooddhulpsinstruksies op hierdie etiket). Indien velirritasie of uitslag voorkom: Kry mediese advies/aandag. Trek gekontamineerde klere uit en was dit voor hergebruik. In geval van brand: Gebruik D-poeler, koolstofdioksied (CO<sub>2</sub>), alkoholbestande skuum om te blus. Versamel gemors.

**Berging:** Berg in 'n goed geventileerde plek. Hou die houer dig toe. Berg in 'n goed geventileerde plek. Hou koel. Stoor foedgesluit.

**Wegdoening:** Gooi inhoud en houer weg na 'n goedgekeurde afvalverwydersaanleg.

- Vermy oorwaai van sproeinewel na gewasse, weiding, riviere, damme en gebiede nie onder behandeling nie.
- Was sputtoerusting na gebruik. Raak ontslae van die spoelwater op 'n veilige manier sodat gewasse, weiding, riviere, damme en boorgate nie besoedel word nie.
- **SPOEL die leë houer DRIEKEER UIT soos volg:** Keer die leë houer om oor die sput- of mengtenk en dreineer vir ten minste 30 sekondes nadat die vloeit tot drup verlangsaaam het. Spoel die leë houer daarna drie keer agtereenvolgens uit met een kwart van die houervolume vars water en gooi die spoelwater in die sput- of mengtenk. Prik die drievoudig uitgespoelde houer deur en gooi weg via 'n goedgekeurde versamaar of herwinner ([www.croplife.co.za](http://www.croplife.co.za)). Moenie die houer begrawe, verbrand of skenk aan enige ander partye wat dit as 'n houer vir kos of drank kan gebruik nie.
- Moet **noot** die leë houer vir enige ander doel hergebruik nie.
- Voorkom besoedeling van voedsel, voer, drinkwater en eetgerei.

**RELEVANTE STOWWE:**

NAAM	PRODUK IDENTIFISEERDER
Bromoksienil TS	CAS-No.: 1689-99-2
Polioksietileen-fenieleter	CAS-No.: 9004-78-8
Kalsiumdodesielbenseensulfonaat	CAS-No.: 26264-06-2

**SIMPOMTE VAN VERGIFTIGING:**

Indien produk ingesluk en na lange ingeasem is, kan chemiese inflammasie van die longe veroorsaak word. Indien ingesluk word, mag sweet, verhoging in temperatuur, vinnige asemhaling, en longskade voorkom. Hoë konsentrasies mag 'n verdowingseffek tot gevolg hê.

**NOODHULPBEHANDELING:**

Hou die lugweê oop om asemhaling te verseker. Noodhulp behandeling moet deur gekwalifiseerde mediese personeel uitgevoer word, en moet insluit, indien nodig, mond-tot-neus asemhaling en geslote hartmassering.

**Inaseming:** Verwyder die bron van kontaminasie van die pasiënt na vars lug, onmiddellik. Hou die pasiënt warm en gerus. Indien nodig, dien mond-tot-neus asemhaling toe en suurstof. **Verkry mediese hulp onmiddellik.**

**Velkontak:** Verwyder gekontamineerde klere, skoen en leer items, onmiddellik. Was die vel sagkens en deeglik met skoon water en nie-skurende seep, totdat geen chemikaliëe oorby. **Verkry mediese hulp onmiddellik.**

**Oogkontak:** Spoel oë met groot hoeveelheid saggloeiende koue water, terwyl bo- en onder-oogledle gereeld opgelig word, vir ten minste 15 tot 20 minute totdat geen chemikaliëe oorby. Verkry mediese hulp.

**Inname:** Moet nie braking veroorsaak nie, as gevolg van die aromatiese oplosmiddel in die produk teenwoordig. **Verkry mediese hulp onmiddellik** en maak die houer, of etiket of "Data Sheet" beskikbaar.

Moet nooit iets per mond aan 'n half-bewusteloze of bewusteloze persoon gee nie. Indien braking voorkom, tref voorzag dat braking nie ingeasem word nie. Hou en verseker lugweê oop. Behandel asemhalingsprobleme met kunsmatige asemhaling en suurstof.

**NOTA AAN GENEESHEER:**

Indien die produk na lange ingeasem word tydens innname of braking, kan ligte tot ernstige chemiese inflammasie van die longe veroorsaak word. Geen bekende teenmiddel is bekend. Behandel simptomates en ondersteunend soos en indien nodig. Maagspoeling of die toediening van geaktiveerde koolstof met water mag orweeg word.

**WEERSTANDSWAARSKUWING:**

**BROMOXYNIL 225 EC** is 'n groepkode 6/24 onkruiddoder. Enige populasie van 'n spesifieke onkruid mag individue insluit wat 'n natuurlike weerstand teen **BROMOXYNIL 225 EC** of enige ander groepkode 6/24 onkruiddoder het. Indien hierdie onkruiddoder herhaadelik aangewend word, kan die weerstandbiedende individue uiteindelik die onkruid populasie oorheers. Hierdie weerstandbiedende onkruid sal waarskynlik nie deur **BROMOXYNIL 225 EC** of enige ander groepkode 6/24 onkruiddoder beheer word nie.

Om weerstand teen onkruiddoders te vertrag:

- Vermy die eksklusiewe herhaadelike gebruik van onkruiddoders met dieselfde groepkode. Wissel af met, of gebruik tenkmengsels van produkte in verskillende onkruiddodergroep kodes,
  - Integreer ander beheermaatreëls (chemies, verbouing, biologies) in onkruidbeheer programme.
- Vir spesifieke infilting oor weerstandsbestuur kontak die registrasiehouer van hierdie produk.

**WYSE VAN AKSIE**

Selektiewe kontakonkruiddoder, geabsorbeer deur blare, beperkte translokasie.

**GEBUIKSAANWYSINGS:** Gebruik slegs soos aangedui.**VEREENIGBAARHEID:**

- **BROMOXYNIL 225 EC** is verenigbaar met atrasiën SC, MCPA en alachlor 384 EC. Aangesien dit nie moontlik is vir Arysta Lifescience South Africa om alle moontlike kombinasies te toets nie, dra die verbruiker die verantwoordelikheid om 'n mengbaarheidstoets uit te oefen, indien tenkmengsels oorweeg word.
- Die waarskuwings, voorsorgmaatreëls, beperkings, aanbevelings, instruksies en gebruiksaanwysings op die etikette van die produkte wat gemeng word, moet streng nagevolg word.

## MENGINGSINSTRUKSIES:

- Vul die sputtenk halfvol met skoon water.
- Meet die benodigde hoeveelheid **BROMOXYNIL 225 EC** af en voeg by in die sputtenk terwyl geroer word.
- Vul die sputtenk met water tot by die verlange volume, terwyl roer sodat deeglike vermenging verseker word.
- Wanneer **BROMOXYNIL 225 EC** met ander geregistreerde onkruidoders gemeng word, volg die volgende prosedure: voeg ongeveer die helfte van die totale volume water in die sputtenk en voeg dan die komplimentêre onkruiddoder by terwyl die sputwater geroer word. Voeg die **BROMOXYNIL 225 EC** by net voor die sputtenk tot by kapasiteit gevul is.
- Handhaaf roering tydens toediening.
- Gebruik die voorbereide mengsel onmiddellik.
- Moet nie toelaat dat die mengsel oornag staan nie.

## TOEDIENINGSMETODE:

### Grondtoediening:

- Vir toediening deur middel van 'n trekkerspuit word aanbeveel dat 'n konvensionele sputtbalk met platwaaierspuitpunte gebruik word. Gebruik 'n lae spuitdruk (100 tot 300 kPa) sodat **BROMOXYNIL 225 EC** in die vorm van 'n growwe sproei aangewend word.
- **MOET NIE TEEN HOE DRUK AANWEND NIE.**
- Sorg dat deeglike bedekking van die onkruide verkry word deur minstens 300 liter spuitmengsel per hektaar toe te dien.

### Lugtoediening:

**BROMOXYNIL 225 EC** kan slegs deur 'n geregistreerde Lugbespuitingsoperauteur met 'n korrek gekalibreerde, geregistreerde vliegtuig volgens die instruksies van SANS Kode 10118 (Aerial Application of Agricultural Pesticides) uit die lug bespuit word. Verseker dat die spuitmengsel eweredig oor die teikenarea versprei word, en die verlies aan spuitmengsel tydens toediening tot 'n minimum beperk word. Dit is daarom belangrik om aan die volgende vereistes te voldoen:

- **Volume:** 'n Spuitmengsel volume van 30 tot 40 liter per hektaar word aanbeveel. Hierdie produk is nie teen 'n verlaagde volume getoets nie. Die registrasiehouer kan nie effektiwiteit waarborg, of verantwoordelik gehou word vir enige nadelige effekte indien hierdie produk teen 'n laer volume, as hierbo aanbeveel, toegedien word nie.
- **Druppelbedekking:** 35 tot 45 druppels per cm<sup>2</sup> moet op die teikenarea herwin word.
- **Druppelgrootte:** 'n Druppelspektrum met 'n VMD van 350 tot 400 mikrons word aanbeveel. Beperk die produksie van druppels kleiner as 150 mikrons (hoe droëring en verdampingspotensiaal) tot 'n minimum.
- **Vlieghoogte:** Handhaaf die hoogte van die sputtbalk bo die teiken op 3 tot 4 meter. Moet nie spuit wanneer die vliegtuig duik nie, uitklim of draai nie.
- Gebruik geskikte atomiseringsapparaat wat die vereiste druppelgrootte en bedekking sal produseer, maar die minste verlies van produk verseker. Die spuitstelsel moet 'n druppelspektrum met die kleinste moontlike Relatiewe Span produseer.
- Plaas al die atomiseerders in die binneste 60 tot 75 % van die vlerkspan om te verhoed dat druppels binne-in die **vlerkpuntvorteeks** beweeg.
- Die verskil in **temperatur** tussen die nat- en droëboltermometer van 'n swaaihygrometer, moet nie 8°C oorskry nie.
- Stop bespuiting indien die **windspoed** 15 km/h oorskry.
- Stop bespuiting tydens **turbulente**, onstabiele en droë toestande gedurende die hitte van die dag.
- Bespuiting onder temperatuur **inversie toestande** (deur bo of binne die inversie laag te spuit) en/of **hoe lugvog toestande** (relatiewe humiditeit 80% en meer) mag tot volgende probleme aanleiding gee:
  - verlaagde effektiwiteit aangesien die druppels as 'n wolk in die lug bly hang en moontlik verdamp (onvoldoende bedekking op teiken).
  - skade aan nie-teiken gewasse of sensitiwe areas as gevolg van wegdroëring van die spuitwolk na nie-teiken area.
- Verseker dat die Lugbespuitingsoperauteur presies weet watter lande bespuit moet word.
- Dit is noodsaklik om 'n versekering van die Lugbespuitingsoperauteur te verkry dat aan al die bogenoemde vereistes voldoen sal word en dat data van belang in 'n logboek saamgevat is vir toekomstige vervyfing.

### BELANGRIKE NOTAS:

1. **BROMOXYNIL 225 EC** moet nie toegedien word indien die onkruid ouer is as wat gespesifieer is nie aangesien dit sal lei tot swak onkruidbeheer.
2. Dien slegs toe gedurende vogtige toestande, wanneer die onkruid aktief groei. Swak onkruidbeheer mag verkry word indien **BROMOXYNIL 225 EC** toegedien word wanneer die onkruid aan vogtekort of ander stremminge onderwerpe was of onderwerpe is.
3. Vermy toediening wanneer die wind sterker as 8 km/u waa.
4. Maak seker dat deeglike bedekking van die onkruide verkry word.
5. Aangesien **BROMOXYNIL 225 EC** 'n kontak onkruiddoder is sal onkruid wat tydens bespuiting nog nie opgekom het nie, nie deur **BROMOXYNIL 225 EC** alleen beheer word nie.
6. Raadpleeg eers die **BROMOXYNIL 225 EC** verteenwoordiger voordat **BROMOXYNIL 225 EC** met ander chemikaliele gemeng word.
7. Wanneer MCPA bygevoeg word moet toediening op koring geskied tussen groeistadia 7 en 13 volgens die Kleingraainstituut te Bethlehem se lys van

- groeiestadia. Dien toe op gars as die plante in die 5- tot 7-blaarstadium is en op hawer in die 5-blaarstadium.
8. In die winterreënvalgebied, wanneer MCPA teen 0,5 liter per hektaar bygevoeg word, kan toediening geskied vanaf die 3-blaarstadium van die gewas. Dien **BROMOXYNIL 225 EC/MCPA** mengsels tussen opkom en 6-blaarstadium van onkruide toe.
  9. Onder sekere toestande kan **BROMOXYNIL 225 EC** 'n mate van blaarskroei of vergeling op lusern en graangewasse veroorsaak. Dit is egter tydelik van aard en opbrengs sal nie beïnvloed word nie.
  10. Moet nie benatter byvoeg wanneer mielies, sorghum of lusern bespuit word nie.
  11. Wanneer **BROMOXYNIL 225 EC** met enige ander produk gemeng word, moet die inligting op die produk se etiket noukeurig gelees word, en die gebruiksaanwysings gevolg word.

#### 12. WAGPERIODES:

Wanneer **BROMOXYNIL 225 EC** met atrasien SC vermeng word, geld die volgende wagperiodes voordat 'n opvolggewas wat sensitef is vir atrasien geplant mag word.

6 maande wanneer atrasien teen 1 liter per hektaar toegedien word en

9 maande wanneer atrasien teen 2 liter per hektaar toegedien word.

Vir meer besonderhede raadpleeg die atrasien SC etikette.

CROP:	DOSAGE RATE:	REMARKS:
KORING, GARS & HAWER	1,5 - 2,0 ℥/ha	Die graansailinge behoort tussen die 3-blaar en die end van steelstadium te wees. Moet nie toedien voor die 3-blaar stadium en vanaf die begin van pypstadium nie. Dien toe wanneer die onkruid volledig opgekom het, maar nie ouer as die 6-blaarstadium is nie (3-blaarstadium vir probleemonkruide hieronder aangedui). Gebruik die hoër dosis vir lugbespuiting.
	1,5 ℥ plus 0,5 - 1,0 l MCPA (potassium salt)/ha	Verwys na NOTA 7 en vir tyd van toediening. Gebruik die hoër dosis MCPA in die Oos Vrystaat wanneer Polygonum aviculare 'n probleem is. Gebruik die hoër dosis <b>BROMOXYNIL 225 EC</b> vir lugbespuiting.
ONDERGESAAIDE LUSERN IN GRAANGEWASSE	1,5 - 2,0 ℥/ha	Dien toe wanneer die onkruid volledig opgekom het, maar nie ouer as die 6-blaarstadium is nie (3-blaarstadium vir probleemonkruide hieronder aangedui). Moet nie toedien op lusern jonger as die tweede drieklaskontakt van waar klawers ondersessai is nie. Gebruik die hoër dosis vir lugbespuiting. Moet nie mengsels met MCPA gebruik nie.
GEVESTIGDE LUSERN	2,0 - 3,0 ℥/ha	Dien toe nadat die lusern gesny is en nadat die onkruid volledig opgekom het, maar nie ouer as die 6-blaarstadium is nie (3-blaarstadium vir probleemonkruide hieronder aangedui). Gebruik die hoër dosis vir lugtoediening of wanneer die onkruidstand baie dig is. Verwys na NOTA 9 vir moontlike vergeling van die lusernblare.
MIELIES	1,5 l to 2,0 ℥/ha	Dien toe wanneer die onkruid volledig opgekom het, maar nie ouer as die 6-blaarstadium is nie (3-blaarstadium vir probleemonkruide hieronder aangedui). Gebruik die hoër dosis vir lugbespuiting. Moet nie toedien op mielies jonger as die 4-blaarstadium nie.
	1,0 l plus 1,0 l to 2,0 ℥ Atrazine SC/ha	Dien deur middel van grond- of lugbespuiting toe wanneer die onkruid volledig opgekom het, maar nie ouer as die 6-blaarstadium is nie (3-blaarstadium vir probleemonkruide hieronder aangedui). Die atrasien dosis moet in ooreenstemming wees met die mate van naderking wat verlang word. Moet nie toedien op mielies jonger as die 4-blaarstadium nie. Moet nie gebruik onder besproeding nie aangesien atrasien-gevoelige opvolggewasse beskadig mag word.

	1,5 ℥ plus 1,0 ℥ MCPA (kaliumsout)/ha	Dien deur middel van grond- of lugbespuiting toe wanneer die onkruid volledig opgekom het, maar nie ouer as die 6-blaarstadium is nie. Kan in enige stadium van die gewas vanaf opkoms tot blom toegedien word. Indien die gewas hoër as 40 cm is, word gerigte bespuiting aanbeveel om beter benatting van die onkruid te verseker. Vermy toediening tydens koue, nat toestande aangesien gewasbeskadiging kan plaasvind.
MIELIES Bewaringsbewerking	1,5 ℥ plus 4,0 - 5,0 ℥ alachlor 384 EC/ha	Dien voor of binne 2 dae na plant toe om breëblaaronkruide (soos hieronder aangedui) te beheer wat nog nie ouer is as die 6-blaarstadium is nie (3-blaarstadium vir probleemonkruide hieronder aangedui). Hierdie behandeling sal ook 'n onkruidbeheer effek vooropkoms hê. Alachlor moet volgens die verskaffer se etiketvoorskrifte toegedien word.
GRAANSORGHUM	1,0 ℥ plus 1,0 - 2,0 ℥ atrazine SC/ha	Volg die instruksies vir toediening van <b>BROMOXYNIL 225 EC</b> plus atrasien in mielies, maar moet nie deur middel van lugbespuiting toedien nie.
	1,5 ℥ plus 1,0 ℥ MCPA (kaliumsout)/ha	Volg die instruksies vir toediening van <b>BROMOXYNIL 225 EC</b> plus atrasien in mielies, maar moet nie deur middel van lugbespuiting toedien nie.

#### ONKRUIDE WAT DEUR BROMOXYNIL 225 EC BEHEER WORD:

**NOTA:** Hierdie produk beheer sekere eenjarige breëblaaronkruide. Ander breëblaaronkruide wat nie tydens die ontwikkelingsproewe met die middel voorgekom het nie, kan ook moontlik tot 'n mindere mate beheer word. Die registrasiehouer aanvaar egter geen aanspreeklikheid ten opsigte van ongelyste onkruide nie.

<i>Acanthospermum hispidum</i>	Regopsterklits
<i>Amaranthus hybridus</i>	Gewone misbredie
<i>Amaranthus spinosus</i>	Doringmisbredie
<i>Amaranthus thunbergii</i>	Rooimisbredie
<i>Amsinckia calycina</i>	Vioolnek
<i>Anthemis cotula</i>	Stinkkamille
<i>Arctotheca calendula</i>	Soetgousblom
<i>Argemone subfusiformis</i>	Witblombloudissel
<i>Bidens formosa</i>	Kosmos
<i>Bidens pilosa</i>	Gewone knapsekêrel
<i>Bilderdykia convolvulus</i>	Wildebokwiet
<i>Capsella bursa-pastoris</i>	Herderstassie
<i>Chenopodium album</i>	Withondebossie
<i>Chenopodium ambrosioides</i>	Kruehondebossie
<i>Chenopodium carinatum</i>	Groenhondebossie

<i>Chenopodium multifidum</i>	Stinkhondebossie
<i>Chenopodium murale</i>	Muurhondebossie
<i>Chenopodium schraderianum</i>	Vlooihondebossie
<i>Citrullus lanatus</i>	Karkoer
<i>Cleome gynandra</i>	Snotterbelletjie
<i>Cucumis myriocarpus</i>	Wildekomkommer
<i>Datura ferox</i>	Groot stinkblaar
<i>Datura stramonium</i>	Stinkblaar
<i>Flaveria bidentis</i>	Smeltersbossie
<i>Galinsoga parviflora</i>	Knopkruid
<i>Gisekia pharnacioides</i>	Gisekia
<i>Helianthus annuus</i>	Sonneblom (wisselvallige beheer)
<i>Hibiscus trionum</i>	Terblansbossie
<i>Ipomoea coccinea</i>	-
<i>Ipomoea purpurea</i>	Purperwinde
<i>Lepidium bonariense</i>	Peperbossie
<i>Melilotus indica</i>	Eenjarige geelstinkklawer
<i>Nicandra physalodes</i>	Basterappelliefie
<i>Pentzia grandiflora</i>	Stinkkruid
<i>Physalis angulata</i>	Wilde-appelliefie
<i>Richardia brasiliensis</i>	Tropiese-Richardia
<i>Ricinus communis</i>	Kasterolieboom
<i>Schkuhria pinnata</i>	Kleinkakiebos
<i>Senecio burchellii</i>	Geelopslag
<i>Sesamum triphyllum</i>	Wilde sesam
<i>Sida cordifolia</i>	Hartblaartaiman
<i>Solanum nigrum</i>	Nastergal
<i>Sonchus oleraceus</i>	Gewone sydissel
<i>Tagetes minuta</i>	Kakiebos
<i>Vicia hirsute</i>	Kleinperswieke
<i>Vicia sativa</i>	Breëblaarperswieke
<i>Xanthium spinosum</i>	Boetebossie
<i>Xanthium strumarium</i>	Kankerroos

**PROBLEEMONKRUIDE:**

Die volgende onkruidespesies word deur **BROMOXYNIL 225 EC** beheer slegs indien hulle tussen opkoms en die 3-blaarstadium gespuit word. Spuit Tribulus terrestris alvorens die plantjies se deursnee 25 mm oorskry.

<i>Amaranthus deflexus</i>	Meerjarige misbredie
<i>Cleome monophylla</i>	Rusperbossie
<i>Emex australis</i>	Kaapse dubbeltjie
<i>Polygonum aviculare</i>	Voëlduisendknop
<i>Raphanus raphanistrum</i>	Ramenas
<i>Sisymbrium thellungii</i>	Gewone wilde mosterd
<i>Tribulus terrestris</i>	Dubbeltjie

**ONKRUIDE WAT DEUR BROMOXYNIL 225 EC / ATRASIEN SC MENGSELS BEHEER WORD:**

Behalwe vir die onkruide wat deur **BROMOXYNIL 225 EC** beheer word, word die volgende addisionele onkruide beheer deur mengsels van **BROMOXYNIL 225 EC** en atrasien SC soos aanbeveel vir die gebruik in mielies en graansorghum:

<i>Commelina benghalensis</i>	Bengaalse wandelende Jood
<i>Portulaca oleracea</i>	Porslein







# BROMOXYNIL 225 EC

Reg. No. / Nr L9951 Act No. 36 of 1947/ Wet Nr 36 van 1947

HERBICIDE



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

HRAC HERBICIDE GROUP CODE

6/24

HRAC ONKRUIDDODERGROEP KODE:

Emulsifiable concentrate. A herbicide for the selective control of certain broadleaf weeds in wheat, barley, oats, Lucerne, maize and grain sorghum.

Emulgeerbare konsentraat. Onkruiddoder vir die selektiewe beheer van sekere breëblaaronkruide in koring, gars, hawer, lusern, mielies en graansorghum.

**ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL:**

Bromoxynil (nitrile) (octanoate) ..... 225 g/l.....bromoksinil (nitrile) (oktanoaat)



**Hazard Statements:**

Flammable liquid and vapour.  
Toxic if swallowed.  
Harmful in contact with skin.  
Causes mild skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye damage.  
Suspected of damaging fertility or the unborn child.  
Very toxic to aquatic life with long lasting effects.

**Precautionary Statements:**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.  
Do not breathe vapours, spray.  
In case of inadequate ventilation wear respiratory protection.  
IF SWALLOWED: Immediately call a poison centre or doctor.  
IF ON SKIN: Wash with plenty of soap and water.  
Take off immediately all contaminated clothing.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
IF IN EYES: Rinse cautiously with water for several minutes.  
Immediately call a poison center or doctor.  
If skin irritation or rash occurs: Get medical advice/attention.  
In case of fire: Use D-powder, carbon dioxide (CO<sub>2</sub>), alcohol resistant foam to extinguish.

Batch No:

D.O.M:

D.O.E:

Net Contents:

See reverse of drum for details.

FOR FULL PARTICULARS SEE ATTACHED PAMPHLET.  
VIR VOLLEDIGE BESONDERHEDE KYK AANGEHEGTE ETIKET.

UN No. / VR Nr: 1992

Poison Information Helpline (24 hrs): 0861 555 777



REGISTRATION HOLDER/ REGISTRASIEHOUER  
Cedar Falls Properties 130 (Pty) Ltd  
Reg. Nr.: Reg. 2006/031383/07  
61 Marshall Drive, Old Mill Industrial Park,  
Mount Edgecombe, South Africa, 4300  
Tel: 031 003 3486



BARCODE

10164

