

BEFORE USING THIS PRODUCT READ THE LABEL CAREFULLY!

Herbicide



EPTC 720 EC

Reg. No. L 4859 Act/Wet No. 36 of/van 1947

5:3/8/2012 - Feb2017

An emulsifiable concentrate herbicide, which must be incorporated into the soil, for the control of Nutsedges, annual grasses and certain broadleaf weeds in potatoes, dry beans and one cultivar of sunflowers.

'n Emulgeerbare konsentraat onkruidodder, wat in die grond ingewerk moet word vir die beheer van Uintjies, eenjarige grasse en verskeie breëblaaronkruid in aartappels, droëbone en een sonneblom kultivar.

ACTIVE INGREDIENT / AKTIEWE BESTANDEEL
EPTC (thiocarbamate) **720 g/l** EPTC (tiokarbamaat)

HRAC HERBICIDE GROUP CODE **N** HRAC ONKRUIDDODER GROEPKODE



villa

Registration holder / Registrasiehouer:
Universal Crop Protection (Pty) Ltd.
Co. Reg. No. / Mpy. Reg. Nr. 1983/008184/07
PO Box / Posbus 801, Kempton Park, 1620
Tel: 011 396 2233
Website / Webblad: www.villacrop.co.za

UN Number: 3006

Willow Set & Print 011 394-4486



HARMFUL
SKADELIK



GERUKSAANWYSINGS INGESLUIT

VERWYS NA BESONDERHEDE
GEDRUK OP HOUER/SAK

Date formulated:
Formuleringsdatum:

REFER TO DETAILS PRINTED
ON CONTAINER/BAG

DIRECTIONS FOR USE ENCLOSED

Batch number:
Lohnommer:

EPTC 720 EC

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UNIVERSAL CROP PROTECTION (PTY) LTD.

Co. Reg. No. 1983/008184/07 Mpy. Reg. Nr.

P.O. Box / Posbus 801, KEMPTON PARK, 1620

Tel. (011) 396 2233

**WARNINGS**

- Handle with care.
- Poisonous by swallowing.
- Severe irritant to the eyes and moderate irritant to skin.
- Store under in a cool place, away from food, feeds, seed, fertilizers and other agricultural chemicals.
- Keep out of reach of children, uninformed persons and animals.
- **EPTC 720 EC** should only be used if soil conditions are suitable for fast germination of the crop.
- **Do not** use on sweet corn or maize.
- **In case of poisoning call a doctor immediately 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 soil, climatic and storage conditions, quality of dilution water, compatibility 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

- Do not inhale the spray mist.
- Wear suitable protective clothing, gloves, boots and a face shield when handling the concentrate.
- Do not eat, drink or smoke whilst applying or mixing or before washing hands and face or change of clothing.
- Wash with soap and water after use and accidental skin contact.
- Prevent spray drift onto other crops, grazing, rivers, dams and areas not under treatment.
- Clean the applicator after use and dispose of wash water where it will not contaminate food, grazing, boreholes, rivers or dams.
- **TRIPLE RINSE** empty containers in the following manner: Invert the empty container over the spray or mixing tank and allow draining 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 one third of that of the container. Add the rinsing to the contents of the spray tank before destroying the container in the prescribed manner.
- Destroy the empty container by perforation and flattening and dispose of it in a safe way.
- **Never** re-use the empty container for any other purpose.
- Prevent contamination of food, feeds, drinking water and eating utensils.
- Keep container closed when not in use.

SYMPTOMS OF POISONING

Skin and eye irritation. May cause irritation to respiratory tract. Solvent in product may cause pulmonary injury.

FIRST AID TREATMENT

- **Inhalation:** Remove the patient immediately from the source of poisoning to a cool, well-ventilated area and keep him/her calm and reassured.
- **Eye contact:** Wash eyes with running water for at least 20 minutes while holding eyelid(s) open. **If irritation persists get medical attention immediately.**
- **Skin contact:** Remove contaminated clothing. Wash contaminated areas with soap and water. **If irritation persists get medical attention immediately.**
- **Ingestion:** Do not induce vomiting. If vomiting occurs, keep head below hips to prevent aspiration.
- **Do not** apply mouth-to-mouth respiration.
- **Never** give anything by mouth to an unconscious person.
- **Take the patient immediately to the nearest physician and show this label to him/her.**

NOTE TO PHYSICIAN

Product contains an aromatic hydrocarbon organic solvent. Treat symptomatically.

RESISTANCE WARNING

EPTC 720 EC is a group code N herbicide. Any weed population may contain individuals naturally resistant to **EPTC 720 EC** and other group code N herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by **EPTC 720 EC** or any other group code N 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 weeds control programmes.

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

DIRECTIONS FOR USE: Use only as directed.

EPTC 720 EC is liable to cause plant damage therefore the instructions must be read carefully and followed implicitly.

Soil preparation:

Do not apply to very wet soils and do not irrigate within one week after application. Do not use in soils with less than 8 % or more than 35 % clay or in black turf soils. The soil should be freshly worked and diced deeply to a fine tilth and free of weeds, trash and clods. All live weed growth must be worked into the soil immediately before application.

Method of application:**Overall surface treatment:**

Apply uniformly to the soil using 200 to 450 litres water or together with the recommended applicator properly calibrated before use. Check application rates during application. The chemical must be worked into the soil to a depth of 9 cm within minutes, preferably immediately after application. Use a rotovator to 10 cm or an offset disc harrow to 10 to 15 cm. When a one-way disc is used cross disking to a depth of 10 to 15 cm is required. The soil surface should be sealed by using a drag behind the disc harrow.

Row treatment:

With beans a 45 cm row can be treated by applying through 4 sub-surface jets during time of planting, 4 to 6 cm below surface, 8 and 17 cm on both sides of the seed row respectively. In the case of beans the inner two jets must be applied 4 cm above seed level. With potatoes the seed and fertilizer must be placed in position first and then covered with 5 cm of soil. **EPTC 720 EC** must be sprayed with a fan type nozzle, 50 cm wide over the row, wherefore soil from the sides of the furrow must be drawn in and thus produce a 45 cm weed free row.

APPLICATION RATES

Crop / Soil type	Dosage/ ha	45 cm band treatment	Remarks
Potatoes 0 to 15 % clay	3.5 ℓ	----	Overall application: Apply the recommended rates of EPTC 720 EC as an overall spray and incorporate into soil. Draw furrows and plant as usual. Row application: Place the fertilizer and seed in position and cover with 5 cm soil. The sidewalls of the furrows must not be so steep that the spray runs down. Apply as a band over the row and close the furrow within a few minutes thus incorporating the EPTC 720 EC .
16 to 30 % clay	5.3 ℓ	----	
> 30 % clay	----	----	
Dry beans (<i>Phaseolus vulgaris</i>) 0 to 10 % clay	1.5 ℓ	750 mℓ	Do not use on cowpeas and soybeans.
11 to 20 % clay	1.7 to 2.5 ℓ	850 to 1250 mℓ	
21 to 30 % clay	2.5 to 3.0 ℓ	1250 to 1500 mℓ	
> 30 % clay	----	----	
Kidney beans (<i>Phaseolus multiflorus</i>) 0 to 10 % clay	----	620 mℓ	May cause dwarfing under abnormal conditions. Do not apply as an overall surface spray.
11 to 30 % clay	----	780 mℓ	
> 30 %	----	----	
Sunflowers (<i>Kortrus sel</i> only) 0 to 15 % clay	----	----	Not recommended.
16 to 20 % clay	2.0 ℓ	850 to 1250 mℓ	Do not use in other varieties, without previous experience.
21 to 30 % clay	3.0 ℓ	1250 to 1500 mℓ	
> 30 %	----	----	Not recommended.

DIRECT AFTER APPLICATION OR ANYTIME THEREAFTER, SOWING OR PLANTING CAN COMMENCE.

WEED CONTROL	
The following weeds will be effectively controlled under normal conditions:	
<i>Cyperus esculentus</i>	Yellow nutsedge
<i>Cyperus rotundus</i>	Red nutsedge
<i>Brachiaria eruciformis</i>	Sweet signal grass
<i>Chloris radiata</i>	Spiderweb Chloris
<i>Eleusine indica</i>	Goose grass
<i>Panicum schinzii</i>	Vlei Panicum
<i>Setaria pallide-fusca</i>	Garden bristle grass
<i>Setaria verticillata</i>	Bur bristle grass
<i>Tragus racemosus</i>	Carrotseed grass
<i>Urochloa panicoides</i>	Garden Urochloa
<i>Amaranthus hybridus</i>	Cape pigweed
<i>Chenopodium album</i>	White goosefoot
<i>Chenopodium ambrosioides</i>	Wormseed goosefoot
<i>Portulaca oleracea</i>	Purslane
Under ideal conditions - not too wet, good tilth etc. the following may also be controlled:	
<i>Bidens bipinnata</i>	Spanish blackjack
<i>Datura ferox</i>	Large thornapple
<i>Datura stramonium</i>	Common thornapple
The following weeds will NOT be controlled:	
<i>Tagetes minuta</i>	Tall khaki weed
<i>Conyza bonariensis</i>	Fleabane