

Main Panel

Eradicate Plus 720 EC

Reg.No./Nr.L5249, Act No. / Wet Nr. 36 of/van 1947

Namibian/Namibiese Reg. No./Nr. N-AR 1319

READ THE LABEL BEFORE USE

KEEP OUT OF REACH OF CHILDREN AND ANIMALS

A SELECTIVE SOIL INCORPORATED EMULSIFIABLE CONCENTRATE HERBICIDE FOR THE CONTROL OF SEDGES (UINTJIES), ANNUAL GRASSES AND CERTAIN BROADLEAF WEEDS IN CROPS AS INDICATED.

'n SELEKTIEWE GRONDINGEWERKTE, EMULGEERBARE KONSENTRAAT ONKRUIDDODER VIR DIE BEHEER VAN UINTJIES, EENJARIGE GRASSE EN SEKERE BREëBLAARONKRUIDE IN GEWASSE SOOS AANGEDUI.

GROUP/GROEP

15

HERBICIDE / ONKRUIDDODER

ACTIVE INGREDIENTS:

AKTIEWE BESTANDDELE:

EPTC (Thiocarbamate).....720 g/l..... EPTC (Tiokarbamaat)

Contains Dichlormid (Safener).....66.4 g/lBevat Diklormied (Beveiliger)

Net Volume



Netto Volume



DANGER

GHS Hazard Statements

Harmful if swallowed.

May be fatal if swallowed and enters airways.

Causes skin irritation.

Causes serious eye irritation.

GHS Precautionary Statements

Do not eat, drink, or smoke when using this product.

Wash hands and face thoroughly after handling.



REGISTRATION HOLDER / REGISTRASIEHOUER:

Nulandis® (A division of AECI Limited) / Nulandis® ('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 / www.aeciworld.com

IN CASE OF POISONING PLEASE PHONE / IN GEVAL VAN VERGIFTIGING SKAKEL 0861 555 777
0824468946

Batch No:

Lotnommer:

Date of Manufacture:

Datum van Vervaardiging:

UN No. VN Nr. Not regulated

PAMPHLET

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GROUP	15	HERBICIDE
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WARNINGS:

GHS Hazard Statements

Harmful if swallowed.

May be fatal if swallowed and enters airways.

Causes skin irritation.

Causes serious eye irritation.

FLAMMABLE - do not store near open flames.

Store away from food and feeds.

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

Eradicate Plus 720 EC should only be used if soil conditions are suitable for fast germination of the crop.

Re-entry: Do not enter treated area within 1 day after treatment unless wearing protective clothing.

In case of poisoning – CALL A DOCTOR AND MAKE THIS LABEL AVAILABLE TO HIM.

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 WEEDS AGAINST THE REMEDY CONCERNED AS WELL AS BY THE METHOD, TIME AND ACCURACY OF APPLICATION. THE REGISTRATION HOLDER FURTHERMORE DOES NOT ACCEPT RESPONSIBILITY FOR DAMAGE TO CROPS, VEGETATION, 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 THE EVENT OF ANY UNCERTAINTY.

PRECAUTIONS:

GHS Precautionary Statements

General:

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read carefully and follow all instructions.

Prevention:

Do not eat, drink, or smoke when using this product.

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

Wash hands and face thoroughly after handling.

Do not touch eyes.

Response:

Rinse mouth.

Do NOT induce vomiting.

IF SWALLOWED: Get emergency medical help immediately.

IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

If skin irritation occurs: Get medical help.

If eye irritation persists: Get medical help.

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

Disposal:

Dispose of contents/container to a licensed hazardous waste facility in accordance with local and national regulations.

Do not inhale spray mist or fumes.

Close container after use.

Wash with soap and water after use or skin contact.

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

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

Clean applicator thoroughly with **FLUSHSOL** before using it with other material and dispose of wash water where it will not contaminate crops, grazing, rivers or dams. Refer to the **FLUSHSOL** label for directions of use.

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). Do not bury, burn or donate the container to any other parties that may use it as a container for food or beverages.

NOTE: ERADICATE PLUS 720 EC contains a petroleum distillate as solvent and if swallowed, do not induce vomiting but call a doctor.

RELEVANT SUBSTANCES:

Substance name (IUPAC/EC)	Concentration % by weight	GHS Classification
EPTC	70-80%	Acute Toxicity Oral (Category 4) H302.
Light aromatic petroleum solvent	10 - 20%	Flammable Liquid (Category 3) H226. Aspiration Hazard (Category 1) H304. Skin Corrosion/Irritation (Category 3) H316. STOT SE (Category 3) H335 & H336. Respiratory Tract. Narcotics effect. Aquatic Toxicity Acute (Category 2) H401. Aquatic Toxicity Chronic (Category 2) H411.
Dichlormid	5 -10%	Skin Corrosion/Irritation (Category 2) H315.
Calcium dodecylbenzene sulphonate	<5%	Skin Corrosion/Irritation (Category 2) H315. Serious Eye Damage/Irritation (Category 1) H318. Aquatic Toxicity Chronic (Category 3) H412.
2-Methylpropan-1-ol	<1%	Flammable Liquid (Category 3) H226. Skin Corrosion/Irritation (Category 2) H315. Serious Eyes Damage/Irritation (Category 1) H318. STOT SE (Category 3) H335 & H336.

NOTE: The other ingredients not included above, do not cause or contribute towards the correct GHS classification of **ERADICATE PLUS 720 EC** and are therefore, in terms of the South African Regulations for Hazardous Chemical Agents - 2021; Regulation 14(b), not listed.

FIRST AID TREATMENT

In case of inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT give mouth-to-mouth resuscitation if victim ingested or inhaled the substance. Keep person at rest and warm. Treat symptomatically and supportively as and when required. Obtain medical advice if necessary.

In case of skin contact: In case of contact, remove any contaminated clothing and shoes. Immediately flush skin with plenty of water for at least 15 minutes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if irritation occurs and persists.

In case of eye contact: Check for and remove any contact lenses. In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Cold water may be used. Obtain medical attention if irritation occurs and persists.

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. If conscious, rinse mouth thoroughly with water. Loosen tight clothing such as a collar, tie, belt, or waistband. If vomiting occurs, lean patient forward or place on the left side (head-down position, if possible) to maintain an open airway and prevent aspiration. Refer for medical attention without delay.

NOTE TO PHYSICIAN

No specific treatment – treat symptomatically.

RESISTANCE WARNING:

For resistance management, **Eradicate Plus 720 EC** is a Group Code 15 herbicide. Any weed population may contain individuals naturally resistant to **Eradicate Plus 720 EC** and other Group Code 15 herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. The resistant weeds may not be controlled by **Eradicate Plus 720 EC** or any other Group Code 15 herbicides.

To delay herbicide resistance:

- Avoid exclusive repeated use of herbicides from the same herbicide group code. Alternate or tank mix with registered 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:

The mode of action for EPTC (Thiocarbamate) is by inhibition of very long chain fatty acid division.

DIRECTIONS FOR USE : USE ONLY AS DIRECTED

USE RESTRICTIONS:

ERADICATE PLUS 720 EC must only be used when conditions are ideal for fast germination of the crop and weed.

DO NOT use on maize grown for seed before consulting the seed company.

DO NOT use as an overall application on kidney beans.

ERADICATE PLUS 720 EC is a herbicide which must be thoroughly incorporated with the upper 100 - 500 mm layer of soil before planting or it should be injected into the soil at planting with suitable equipment. Incorporation should take place immediately after application.

SOIL PREPARATION

The seed bed must be thoroughly prepared and free of unnecessary clods, plant residues and weeds. All growing weeds, especially nutsedge, must be destroyed before application.

Continuous use of **ERADICATE PLUS 720 EC** on the same lands year after year, may result in decreased herbicidal efficacy. As a precaution **ERADICATE PLUS 720 EC** should be rotated with a herbicide from a different herbicide group code on an annual basis.

METHODS OF APPLICATION:

Band Application

Only use equipment which will apply **ERADICATE PLUS 720 EC** as recommended.

Calibrate the equipment under actual field conditions before use.

Check the calibration during application from time to time.

Overall Application

For overall weed control, apply **ERADICATE PLUS 720 EC** as an overall spray to a well prepared seed bed, free of growing weeds and unnecessary clods.

Thoroughly incorporate the weed killer immediately after application or within minutes of application into the upper 100 - 500 mm soil layer. Application and incorporation should rather be carried out in one step.

Incorporation can be carried out using a tandem disc to a depth of at least 150 mm at 7 - 8 km/h followed by an inverted spike tooth harrow or other device which levels wider than the disc. For thorough mixing, disc twice (criss-cross). Prior to the second discing reset the disc to prevent cutting deeper than the first discing. Apply the recommended quantity of **ERADICATE PLUS 720 EC** in sufficient water per ha (200 ℓ - 450 ℓ/ha) to ensure an even distribution of the herbicide.

APPLICATION TABLE:

CROP	DOSAGE PER ha AND CLAY CONTENT OF SOIL		REMARKS
MAIZE, SWEETCORN, SWEET POTATOES & LUCERNE	% CLAY	DOSAGE	OVERALL APPLICATION The seed should be planted as soon as possible after application to obtain the maximum period of weed control. In the case of lucerne, wait 5 days before sowing. If it is necessary to cultivate after application and incorporation, do not work deeper than the depth to which the herbicide was incorporated. BAND APPLICATION To obtain a 450 mm band of weed control apply ERADICATE PLUS 720 EC 40 - 60 mm deep using a suitable applicator to produce four sub-surface streams 80 mm and 170 mm on either side of the sown rows or, for example, by means of a suitable sweep mounted on the planter.
	0 - 10	2,0 ℓ	
	11 - 15	2,5 ℓ	
	16 - 20	3,0 ℓ	
	21 - 25	3,5 ℓ	
	26 - 30	4,0 ℓ	
SUGARCANE	% CLAY	DOSAGE	OVERALL APPLICATION FOR PLANTCANE Apply the recommended rate of ERADICATE PLUS 720 EC as an overall application and incorporate to a depth of 200 mm as described for maize. Planting should be carried out immediately after incorporation to obtain the maximum period of weed control. Planting by hand is recommended. Plant furrows should not exceed 150 mm in depth to prevent untreated soil being brought to the surface.
	0 - 15	3 ℓ	
	16 - 30	5 ℓ	
	more than 30	7 ℓ	

CROP	DOSAGE PER ha AND CLAY CONTENT OF SOIL		REMARKS
POTATOES	% CLAY	DOSAGE	OVERALL APPLICATION
	0 - 15	3,5 ℓ	Apply the recommended dosage ERADICATE PLUS 720 EC as an overall spray and incorporate as described for maize. Hereafter make furrows and plant as normal.
	16 - 30	5,3 ℓ	
			Place fertilizer and tubers in position in open furrows and cover with a 50 mm layer of soil. Ensure that furrow sides are not steeper than 45° with good retention of the spray. Apply as a band over the row and close the furrows immediately to cover the ERADICATE PLUS 720 EC .
DRY BEANS (<i>Phaseolus vulgaris</i>) AND GREEN BEANS (CAPE CULTIVAR)	% CLAY	DOSAGE	OVERALL APPLICATION
	0 - 10	1,5 ℓ	Apply as for maize.
	11 - 15	2,0 ℓ	
	16 - 20	2,5 ℓ	
	21 - 30	3,0 ℓ	
			BAND APPLICATION
			Apply only as sub-surface injection as for maize. Initial retardation of seedlings may occur, but plants will develop normally.
KIDNEY BEANS (<i>Phaseolus coccineus</i>)	% CLAY	DOSAGE per 10 000 m row length and a band of 450 mm	BAND APPLICATION
	0 - 10	620 ℓ	Only a band application is recommended. Apply only as sub-surface streams as recommended for maize and ensure that the two inner streams are 40 mm above the seed level.
	11 - 30	780 ℓ	

CROP	DOSAGE PER ha AND CLAY CONTENT OF SOIL		REMARKS
SUNFLOWERS	% CLAY	DOSAGE	OVERALL APPLICATION Must only be used on Kortrus selections. Apply to a well prepared seedbed and incorporate immediately. To reduce initial retardation of seedlings, only plant 7 days after application.
	0 - 15	not recommended	
	16 - 20	2,0 l	
	21 - 30	3,0 l	

LIST OF WEEDS CONTROLLED BY ERADICATE PLUS 720 EC:

Botanical Name

Common Name

NUTSEDGES:

Cyperus esculentus
Cyperus rotundus

Yellow nutsedge
 Purple nutsedge

GRASSES:

Brachiara eruciformis
Chloris pycnothrix
Digitaria sanguinalis
Eleusine indica
Panicum schinzii
Setaria pallide-fusca
Setaria verticillata
Tragus racemosus
Urochloa panicoides

Sweet signal grass
 Spiderweb chloris
 Crab finger-grass
 Goose grass
 Sweet buffalo grass
 Red bristle grass
 Sticky bristle grass
 Large carrot-seed grass
 Herringbone grass

BROADLEAF WEEDS:

The control of the following weeds may vary according to conditions. They will only be controlled when the correct dosage is used in a well prepared fine seedbed followed by soil conditions favourable for germination of seed.

Amaranthus deflexus
Amaranthus hybridus
Bidens pilosa
Cleome monophylla
Chenopodium album
Datura stramonium

Perennial pigweed
 Common pigweed
 Blackjack
 Spindlepod
 White goosefoot
 Thorn apple

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