

X-Tinct® 500 SC

Reg. No./Nr L8885, Act No./Wet Nr. 36 of/van 1947

READ THE LABEL BEFORE USE
KEEP OUT OF REACH OF CHILDREN AND ANIMALS

A post-emergence suspension concentrate contact herbicide for the control of annual grass and broadleaf weeds in sugarcane.

'n Na opkoms suspensie konsentraat kontakwerkende onkruidodder vir die beheer van eenjarige gras- en breëblaaronkruid in suikerriet.

GROUPS/GROEPE	22	5	HERBICIDE/ONKRUIDDODER
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Active ingredients:**Aktiewe bestanddele:**

Paraquat (bipyridyl).....50 g/ℓ..... Parakwat (bipiridiel)
 Diuron (substituted urea).....450 g/ℓ.....Diuron (gesubstitueerde ureum)

Net Volume**Netto Volume****DANGER****GHS Hazard Statements**

Harmful if inhaled.
 Suspected of causing cancer.
 Causes damage to organs through prolonged or repeated exposure.
 Very toxic to aquatic life with long lasting effects.

GHS Precautionary Statements

Keep out of reach of children.
 Avoid breathing fumes, mists, vapours or spray.

**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 555777 / 082 446 8946; Spill tech: 086 100 0366 (a/h)

X-Tinct® 500 SC is a registered trademark of AECI® Limited/'n geregistreerde handelsmerk van AECI® Beperk

Batch No:**Lotnommer:****DATE OF MANUFACTURE :****VERVAARDIGINGSDATUM:****UN No. / VN Nr. 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S (Diuron)**

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WARNINGS:

GHS Hazard Statements

Harmful if inhaled.

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Causes damage to organs through prolonged or repeated exposure.

Very toxic to aquatic life with long lasting effects.

Keep livestock out of treated area for 3 weeks.

Handle with care.

Prevent contact with the concentrate.

Irritating to eyes, respiratory system and by skin contact.

X-TINCT SC CAN BE FATAL IF SWALLOWED – DO NOT REPACK PRODUCT FROM THIS CONTAINER.

Store under lock and key away from food, feed, seed and other agricultural remedies.

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

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

Keep out of reach of children.

Obtain special instruction before use.

Avoid breathing fumes, mists, vapours or spray.

Do not get in eyes, on skin, or on clothing.

Wash contacted areas thoroughly after handling.

Contaminated work clothing should not be allowed out of the workplace.

Avoid release to the environment.

Use personal protective equipment as required.

Wash contaminated clothing before reuse.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.

Wear protective clothing, face shield, rubber gloves and boots when handling concentrate.

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

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

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

Clean applicator thoroughly before re-using, dispose of wash water where it will not contaminate food, grazing or water.

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.

RELEVANT SUBSTANCES:

Substance name (IUPAC/EC)	Concentration % by weight	Classification
		EC1272/2008
Ethylene glycol mono	1-10%	Acute toxicity oral (Category 4) H302.
Paraquat dichloride tech (45%)	1-10%	Acute toxicity oral, dermal (Category 3) H301+H311. Acute toxicity inhalation (Category 2) H330. Skin irritation (Category 2) H315. Eye irritation (Category 2) H319. STOT SE 3 H335. STOT RE 1 H372. Aquatic acute 1 H400. Aquatic chronic 1 H410
Diuron tech	30-40%	Acute toxicity oral (Category 4) H302. Carcinogenicity (Category 2) H351. STOT RE 2 H373. Aquatic acute 1 H400. Aquatic chronic 1 H410 (M=10)

NOTE: The other ingredients not included above, do not cause or contribute towards the correct GHS classification of **X-Tinct 500 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.

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. Get medical attention.

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

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:

Administer up to one litre of a 15% water suspension of "Fullers Earth" in addition to a solution purgative (i.e. mannitol - 20% water solution). Continue treatment until presence of absorbent is noticed in stools. Blood transfusion may be necessary.

RESISTANCE WARNING:

For resistance management, **X-Tinct SC** has been classified as group codes 22 & 5 herbicide. Any weed population may contain individuals naturally resistant to **X-Tinct SC** and other group codes 22 & 5 herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. The resistant weeds may not be controlled by **X-Tinct SC** or any other group codes 22 & 5 herbicides.

To delay herbicide resistance:

- Avoid exclusive repeated use of herbicides from the same herbicide group codes. 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

Resistance against the following species have been reported: *Bidens* spp, *Plantago* spp, *Lolium* spp.

MODE OF ACTION:

The mode of action for Paraquat is by diversion of electrons in photosystem I
Diuron is a photosynthetic electron transport inhibitor at the photosystem II receptor site.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED

MIXING INSTRUCTIONS

Half fill the spray tank with clean water. Add the required amount of **X-Tinct SC** to the water, while stirring. Fill the spray tank with water to the required level, while maintaining agitation to ensure thorough mixing. Ensure continuous agitation of the spray mixture during mixing and application. Spray mixtures must be sprayed immediately and not allowed to stand for a period of time, e.g. overnight.

APPLICATION METHOD

Apply 220 – 350 l spray mixture/ha. Ensure that equipment is accurately calibrated prior to treatment and equipped with floodjet nozzles.

APPLICATION TABLE:

CROP	SOIL CLAY PERCENTAGE	APPLICATION RATE PER HECTARE	REMARKS
SUGARCANE (Ratoon)	20 – 30 %	4 l/ha	Apply post-emergence as a full cover spray after cutting the sugarcane when at the 4-leaf stage.
For sandy soils or soils with high organic matter	> 30 %	7 l/ha	

BROADLEAF WEEDS AND GRASSES CONTROLLED:

The following weed species are normally controlled by **X-Tinct SC** at the dosage rates recommended above:

<i>Amaranthus hybridus</i>	Common pigweed
<i>Cynodon dactylon</i> *	Common couch = common quick grass
<i>Cyperus esculentus</i> *	Yellow nutsedge = yellow watergrass
<i>Conyza albida</i>	Tall fleabane
<i>Rottboellia cochinchinensis</i>	Itch grass = Shamva grass
<i>Sonchus oleraceus</i>	Sowthistle
<i>Tagetes minuta</i>	Khaki weed

* Inconsistent control (These grasses are **suppressed** by **X-Tinct SC** at the dosage rates indicated above).