A suspension concentrate pre- and post emergence herbicide for the control of weeds as listed in established Kikuyu, Quick grass and Buffalo grass lawns.

'n Suspensiekonsentraat voor en na-opkom onkruiddoder vir die beheer van onkruide soos hieronder aangedui in gevestigde Kikuyu, Kweek en Buffelsgras grasperke.

Registration Holder and Distributed by:
Makhro Home And Garden (Pty) Ltd
Reg. Nr. 2014 / 283523 / 07
18 Viben Street, Brackenfell 7560
Tel: (021) 981 4011

MAKHRO HOME AND GARDEN (PTY) LTD

LAWNTYL 500 SC

Reg. Nr. L8357 – Act 36 of 1947
N-AR 1048

HRAC HERBICIDE GROUP CODE C1 HRAC ONKRUIDDODERGROEPKODE

ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL

Terbuthylazine and related active triazines (triazine)	287 g / ℓ	Terbutilasien en verwante aktiewe triasiene (triasien)
Simazine and related active triazines (triazine)	213 g / ℓ	Simasien en verwante aktiewe triasiene (triasien)

CAUTION
VERSIGTIG

Blue band

Blou band

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Active Ingredients:	Terbuthylazine and related active triazines (triazine) 287 g / ℓ Simazine and related active triazines (triazine) 213 g / ℓ
Registration Holder:	MAKHRO HOME AND GARDEN (PTY) LTD (2014/283523/07)

MAKHRO HOME AND GARDEN

Office No: 021 981 4011
21 Viben Street, Brackenfell
Technical advise: 082 562 5330
Medical Emergency: 0861 555 777

WARNINGS:

- Harmful if swallowed
- May cause eye and skin irrigation
- Store in a cool, dry place away from food, feed, seed and other agricultural chemicals
- Keep out of reach of children, uninformed persons and animals
- Poisonous to fish

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 disease 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:

- Do not eat, drink or smoke during mixing or application or before hands and face are washed.
- Avoid inhalation of spray mist
- Wear eye protection (face mask) and rubber gloves when the concentrate is handled
- Wash yourself with water and soap after use. Was contaminated clothing
- Avoid drift of spray onto other crops, grazing, rivers or dams or any other area not under treatment
- Thoroughly clean spray apparatus after use. Throw rinsate where it will not contaminate crops, rivers or dams
- Invert the empty container over the spray or mixing tank and drain at least 30 seconds after the flow has slowed down to dripping. Rinse the empty container with a volume of water equal to a minimum of 10 % of the container. Throw the rinsate in the spray tank.
- Destroy the empty container and do not re-use for any other purpose

RESISTANCE WARNING:

LAWNTYL 500 SC is a Group Code C 1 Herbicide. Any population of a specific weed may contain individuals which have a natural resistance against **LAWNTYL 500 SC** or any Group Code C 1 herbicide. If these herbicides are used continuously the resistant individuals may dominate the weed population. These resistant weeds will probably not be controlled by **LAWNTYL 500 SC** or any other Group Code C 1 herbicide. The following can be done to delay resistance against herbicides.

1. Avoid the exclusive continuous use of herbicides with the same Group Code. Alternate with, or use in tank mixtures with products from different Weed Group Codes.
2. Integrate with other control methods (chemical, cultural, biological) in weed control programmes.

For specific information regarding resistance management contact the registration holder or the supplier.

USE RESTRICTIONS:

- Can only be used in established Kikuyu (Pennisetum clandestinum), Buffalo grass (Stenotaphrum secundatum) and Quick grass (Cynodon dactylon var Royal Cape and Outeniqua) which are growing actively and which are not under any stress conditions as is caused by drought, high or low temperatures, waterlogging, disease, insufficient fertilization or any other factor which is detrimental to active growth.
- Application should take place at least 7 days after the lawn was mown or 5 – 7 days before the lawn will be mown. At application Kikuyu should have at least 50 mm and Quick grass at least 15 mm growth from the soil surface.
- Avoid contact of **LAWNTYL 500 SC** with susceptible grasses on greens or any other susceptible plants or the roots thereof adjacent to the treated area.
- Continuous rain or irrigation of at least 15 – 20 mm within one week after application or before the next mowing operation is necessary to leach the **LAWNTYL 500 SC** into the soil. The full effect of **LAWNTYL 500 SC** can only be expected once it has been leached to the roots of the target plants.
- Do not use **LAWNTYL 500 SC** on alkaline soils or shallow soils which has a tendency to waterlogging.
- Remove all obstructions like grass cuttings, paper or any other material which might cause a shadowing off effect before the application is done.
- Use only on lawns where above mentioned grasses are grown commercially on golf courses, excluding greens, sport grounds and parks. Do not use on bowling greens.
- Ensure that target weeds are growing actively at application and that they are not under any stress conditions
- Perennial weeds and weeds that have developed beyond the prescribed growth stage will not be controlled by **LAWNTYL 500 SC**.

DIRECTIONS FOR USE:
Use only as directed.

MIXING:

- Shake well before use. Replace cap after use
- Fill the spray tank half with clean water and add the prescribed volume of **LAWNTYL 500 SC** while agitating. Fill up the spray tank with water and keep up agitation.

APPLICATION:

LAWNTYL 500 SC can be applied by any suitable spray apparatus which is equipped with flat fan nozzles and is able to distribute the spray mixture evenly over the target area. Ensure a thorough wetting of the target area. Use at least 1,0 ℓ spray mixture per 10 m² or 10 ℓ spray mixture per 100 m².

APPLICATION VOLUMES:

FOR THE FOLLOWING GRASS TYPES ONLY	APPLICATION VOLUME / 10 ℓ water / 100 m²	REMARKS
KIKUYU (Pennisetum clandestinum) **QUICK GRASS** (Cynodon dactylon) var. Royal Cape and Outeniqua	20 – 40 ml / 10 ℓ water / 100 m²	Apply pre-emergence or early post-emergence on young actively growing weeds. Use the higher dosage rate where a high weed pressure is present or where a longer residual is needed. Rain or irrigation of at least 15 mm is needed to leach the herbicide into the soil. Note: After application, before leaching takes place, allow the treated area a “Dry-Time” of at least 8 hours for the post-emergence active ingredient to take proper effect.
BUFFALO GRASS (Stenotaphrum secundatum)	10 – 15 ml / 10 ℓ water / 100 m²	Apply pre-emergence or early post-emergence on young actively growing weeds. Use the higher dosage rate where a high weed pressure is present or where longer residual is needed. Ensure that the maximum dosage rate is not exceeded or that spray swaths do not overlap. Rain or irrigation of at least 15 mm is necessary to leach the herbicide into the soil. **Note:** After application, before leaching takes place, allow the treated area a “Dry-Time” of at least 8 hours for the post-emergence active ingredient to take proper effect.

WEED SPECTRUM

The following weeds are normally controlled by **LAWNWYL 500 SC.**

WEED	WEED SIZE	COMMON NAME
Poa annua	Seedling – stooling stage	Winter grass
Avena fatua	Seedling – stooling stage	Wild oats
Chenopodium album	Up to 6 leaf	White goose foot
Hypochoeris radicata	Up to 6 leaf	Hairy wild lettuce
Malva parviflora	Up to 6 leaf	Small mallow
Medicago polymorpha	Up to 8 leaf	Bur clover
Sonchus oleraceus	Up to 6 leaf	Sow thistle
Stellaria media	Up to 8 leaf	Chick weed
Taraxacum offincinale	Up to 6 leaf	Common dandelion
Trifolium repens	Up to 6 leaf	White clover

Lawntyl is a pre- and post emergent herbicide

How to use Lawntyl:
Grass should be long and uncut for at least 5 days before application.
Lawntyl can only be used on Kikuyu, Quick and Buffalo grass.

For Kikuyu and Quick grass: Use 4 mℓ to 1 liter of water per 10 m².
Allow to dry for 10 hours before irrigating.

For Buffalo grass: Use 1,5 mℓ to 1 liter of water per 10 m².
Allow to dry for 10 hours before irrigating.

By allowing Lawntyl to dry, the active growing weeds will absorb the product thoroughly.
Irrigating your lawn afterwards will, wash the product into the soil and prevent weed seeds from further germination.

LAWNTYL 500 SC

L8357 – Act 36 of 1947 / N-AR 1048
HRAC ONKRUIDDODERGROEPKODE C1

Aktiewe Bestanddele: Terbutilasien en verwante aktiewe triasiene (triasien) 287 g / ℓ
Simasien en verwante aktiewe triasiene (triasien) 213 g / ℓ

Registrasiehouer: MAKHRO HOME AND GARDEN (PTY) LTD (2014/283523/07)

MAKHRO HOME AND GARDEN
Kantoor Nr: 021 981 4011
Vibenstraat 21, Brackenfell
Tegniese advies: 082 562 5330
Mediese nood: 0861 555 777

WAARSKUWINGS:

- Skadelik indien ingesluk
- Mag oog en velirritasie veroorsaak
- Stoor in ‘n koel, droë plek weg van voedsel, voer, saad en ander landboumiddels
- Hou buite bereik van kinders, oningeligte persone en diere
- Giftig vir visse

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 klimaats- en bergingstoestande; kwaliteit van verdunningswater, verenigbaarheid met ander stowwe wat nie op die etiket aangedui is nie en die voorkoms van weerstand van die siekte 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 die gebrek aan prestasie van die betrokke middel as gevolg van die versuim van die gebruiker om tiketaanwysings 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:

- Moet nie eet, drink of rook tydens vermenging en toediening of voordat hande en gesig gewas is nie.
- Voorkom besoedeling van voedsel, voer, drinkwater en eetgerei.
- Voorkom inaseming van spuitnewel.
- Dra oogbeskerming (gesigskerm) en rubberhandskoene wanneer kon sentraat hanteer word.
- Was uself met seep en water na gebruik asook besoedelde klere.
- Voorkom spuitstofwegdrywing na ander gewasse, weiveld, riviere, damme en gebiede wat nie onder behandeling is nie.
- Maak toedieningsapparaat deeglik skoon na gebruik. Gooi uitspoelwater waar dit nie gewasse, weiveld, riviere en damme sal besoedel nie.
- Keer die leë houer om oor die spuit- of mengtenk en dreineer vir minstens 30 sekondes nadat die vloei tot ‘n gedrup verminder het. Spoel die houer daarna drie keer uit met ‘n volume water gelykstaande aan ‘n minimum van 10 % van die inhoud van die houer. Gooi die spoel water by die inhoud van die spuittenk.
- Vernietig die leë houer en moet dit nie vir enige ander doel gebruik nie.

BESTANDHEIDSWAARSKUWING:

LAWNTYL 500 SC is ‘n groepkode C 1 onkruiddoder. Enige populasie van ‘n spesifieke onkruid mag individue insluit wat ‘n natuurlike weerstand teen **LAWNTYL 500 SC** of enige ander groepkode C 1 onkruiddoders het. Indien hierdie onkruiddoders herhaaldelik aangewend word, kan die weerstandbiedende individue uiteindelik die onkruidpopulasie oorheers. Hierdie weerstandbiedende onkruide sal waarskynlik nie deur **LAWNTYL 500 SC** of enige ander groepkode C 1 onkruiddoder beheer word nie. Om weerstand teen onkruiddoders te vertraag:

1. Vermy die eksklusiewe herhaaldelike gebruik van onkruiddoders met dieselfde groepkode. Wissel af met of gebruik tenkmengsels van produkte in verskillende onkruiddoder groepkodes.
2. Integreer met ander beheermaatreëls (Chemies, verbouing en biologies) in onkruiddoder programme.

Vir spesifieke inligting oor weerstandsbestuur kontak u plaaslike verspreider of die registrasiehouer.

GEBRUIKSBEPERKINGS:

- Alleenlik vir gebruik in gevestigde Kikuyu (Pennisetum clandestinum), Buffelsgras (Stenotaphrum secundatum) en kweek (Cynodon dactylon var Royal Cape en Outeniqua) wat aktief groei en nie onder enige stremmingstoestande, soos veroorsaak deur droogte hoë of lae temperature, versuiptoestande, siektes, onvoldoende bemesting of enige ander faktor wat aktiewe groei benadeel, onderworpe is nie.
- Toediening moet geskiedm word ten minste 7 dae nadat gras gesny is of 5 – 7 dae voordat gras gesny gaan word. Tydens toediening moet Kikuyu ten minste 50 mm en kweek ten minste 15 mm groei vanaf grondoppervlak hê.
- Verhoed dat **LAWNTYL 500 SC** in aanraking kom met gevoelige grasse op setperke of ander gevoelige plante of die wortels daarvan aanliggend aan die behandelde gebied.
- Aanhoudende reën of besproeiing van ten minste 15 – 20 mm binne 1 week na toediening of voor die volgende sny is nodig om die **LAWNTYL 500 SC** in die grond in te loog. Volledige werking van die **LAWNTYL 500 SC** kan eers verwag word as dit tot by die wortelsone geloog is.
- Moet nie **LAWNTYL 500 SC** op alkaliese gronde of vlak gronde wat aan versuiptoestande onderhewigis, toedien nie.
- Verwyder alle obstruksies soos grassnysels, papiere of enige ander materiaal wat afskerming van spuitmengsel kan veroorsaak, voor bespuiting plaasvind.
- Gebruik slegs op grasperke waar bogenoemde grasse kommersieël verbou word, op golfbane, uitgesonderd setperke, sportgronde en parke. Moet nie op rolbalbane gebruik nie.
- Verseker dat teikenonkruide aktief groei tydens toediening en nie onderhewig aan stremmingstoestande is nie.
- Meerjarige onkruide en onkruide wat verder as die voorgeskrewe ontwikkelingstadium gevorder het, sal nie deur **LAWNTYL 500 SC** beheer word nie.

GEBRUIKSAANWYSINGS:
Gebruik slegs soos aangedui.

VERMENING:

- Skud goed voor gebruik. Plaas skroefdop terug na gebruik.
- Maak die spuittenk halfvol met skoon water en voeg die benodigde hoeveelheid **LAWNTYL 500 SC** by terwyl geroer word. Maak die spuit-tenk vol met water en roer deeglik.

TOEDIENING:

LAWNTYL 500 SC kan met enige geskikte spuitapparaat wat toegerus is met ‘n platwaaierspuitpunt (e) en in staat is om die spuitmengsel eweredig oor die teikenoppervlak te versprei, toegedien word. Verseker ‘n deeglike benatting van die teikenoppervlak. Gebruik ten minste 1,0 ℓ spuitmengsel per 10 m² of 10 ℓ spuitmengsel per 100 m².

TOEDIENINGSHOEVEELHEDE:

SLEGS VIR DIE VOLGENDE GRASTIPES	TOEDIENING-SHOEVEELHEID / 10ℓ water / 100 m²	OPMERKINGS
KIKUYU *(Pennisetum clandestinum)* **KWEEK** *(Cynodon dactylon)* var. Royal Cape en Outeniqua	20 – 40 ml / 10 ℓ water / 100 m²	Dien as ‘n vooropkom of ‘n vroeë na-opkom eweredige bespuiting oor die teikengebied op jong aktief groeiende onkruide toe. Gebruik die hoer dosis waar ‘n hoë onkruiddruk voorkom of waar langer nawerking verlang word. Reën of besproeiing van ten minste 15 mm is nodig om die onkruiddoder in die grond in te loog. Let wel: Na toediening, voor loging plaasvind, laat die behandelde oppervlak ‘n “Droog-word” periode toe van ten minste 8 ure vir die naopkoms aktiewe bestanddeel om effektief te werk.
BUFFELSGRAS *(Stenotaphrum secundatum)*	10 – 15 ml / 10 ℓ water / 100 m²	Dien as ‘n vooropkom of ‘n vroeë na-opkom eweredige bespuiting op jong aktiefgroeiende onkruide toe. Moet nie die dosis van 15 ml / 10 ℓ water / 100 m² oorskry nie. Verseker dat oorvleuling van die spuitbane nie plaasvind nie en die maksimum dosis nie oorskry word nie. Reën of besproeiing van ten minste 15 mm is nodig om die onkruiddoder in die grond te loog. **Let wel:** Na toediening, voor loging plaasvind, laat die behandelde oppervlak ‘n “Droog-word” periode toe van ten minste 8 ure vir die naopkoms aktiewe bestanddeel om effektief te werk.

ONKRUIDSPEKTRUM

Die volgende onkruide word normaalweg deur **LAWNTYL 500 SC** beheer.

ONKRUID	ONKRUIDGROOTTE	ALGEMENE NAAM
Poa annua	Saailing – stoelstadium	Winter grass
Avena fatua	Saailing – stoelstadium	Wilde hawer
Chenopodium album	Tot 6-blaar	Hondebos
Hypochoeris radicata	Tot 6-blaar	Skaapslaai
Malva parviflora	Tot 6-blaar	Kiesieblaar
Medicago polymorpha	Tot 8-blaar	Klitsklawer
Sonchus oleraceus	Tot 6-blaar	Sydissel
Stellaria media	Tot 8-blaar	Sterremuur
Taraxacum offincinale	Tot 6-blaar	Perdeblom
Trifolium repens	Tot 6-blaar	Wit klawer

Lawntyl is ‘n voor- en na-opkomende onkruiddoder

Hoe om Lawntyl te gebruik:

Gras moet lank en ongesny wees vir ten minste 5 dae voor toediening.
Lawntyl kan slegs gebruik word op Kikuyu, Kweek en Buffelsgras.

Vir Kikuyu en Kweekgras: Gebruik 4 mℓ tot 1 liter water per 10 m².
Laat 10 ure toe om droog te word voor besproeiing.

Vir Buffelsgras: Gebruik 1,5 mℓ tot 1 liter water per 10 m².
Laat 10 ure toe om droog te word voor besproeiing.

Deur toe te laat dat Lawntyl droog word, sal help dat die aktief groeiende onkruide die produk deeglik absorbeer.
Besproeiing van die grasperk daarna, sal die produk in die grond inwas en verdere ontkieming van onkruidsade voorkom.