

LAWNTYL 500 SC

L8357 – Act 36 of 1947 / N-AR 1048

HRAC HERBICIDE GROUP CODE C1

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)



Office No: 021 981 4011

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WARNINGS:

- Suspected of causing cancer.
 - May cause damage to organs through prolonged or repeated exposure.
 - Very toxic to aquatic life with long lasting effects.
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- Harmful if swallowed.
 - May cause eye and skin irritation.
 - 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.

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:

- PREVENTION
- Obtain, read and follow all safety instructions before use.
 - Do not breathe vapour, fumes, spray or mist.
 - Wear protective gloves, protective clothing, and eye and face protection.
 - Avoid release to the environment.
- RESPONSE
- If exposed or concerned, get medical advice.
 - Get medical help if you feel unwell.
 - Collect the spillage.
- STORAGE
- Store locked up.

- 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.

RELEVANT SUBSTANCES

Chemical name	Weight %	CAS no.
Simazine	19.6 %	122-34-9
Terbuthylazine	26.7 %	5915-41-3
Mono Ethylene Glycol	<10 %	107-21-1

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 m ²	REMARKS
KIKUYU (Pennisetum clandestinum) QUICK GRASS (Cynodon dactylon) var. Royal Cape and Outeniqua	20 – 40 ml / 10 l water / 100 m ²	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 m ²	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 **LAWNTYL 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 officinale	Up to 6 leaf	Common dandelion
Trifolium repens	Up to 6 leaf	White clover

NOTE: Expect to see results after 2 - 3 weeks. Do not repeat application within 3 months.

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. • Allow a waiting period of at least two weeks before expecting results.

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.