

## TERMALATE SC

TERMITICIDE

Reg. No. L10162 Act No. 36 of 1947

A RESIDUAL SUSPENSION CONCENTRATE WITH CONTACT AND STOMACH ACTION FOR THE CONTROL OF WOOD DESTROYING SUBTERRANEAN TERMITES IN BUILDINGS, STRUCTURES, EARTHEN DAM WALLS AND RECREATIONAL TURF.

FOR PROFESSIONAL USE ONLY: Only for sale to and use by registered Pest Control Professionals

Active Ingredient:  
Fipronil (Phenylpyrazole) 25 g/l (2.5%)

**Manufactured & Distributed by:**

Synvita CC

**Registration Holder:**

Lifeguard Sciences (Pty) Ltd

Reg. No. 2014/079879/07

PO Box 13221,

Cascades, 3202

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Date of Manufacture: See Container

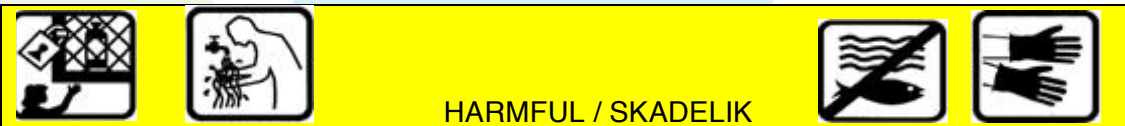
Batch Number: See Container

Members of CropLife South Africa

NET CONTENT: 5 Lts

UN No.: 2902

Griffon Poison Centre: 082 446 8946



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**DIRECTIONS FOR USE:**

**USE ONLY AS DIRECTED**

**General Directions:** This product must be applied and tested according to SABS Code of Practice 0124:1995 as amended. All applications must be made with suitable equipment, designed specifically for termite control that is in good working order and correctly calibrated to give the desired coverage for each particular method of application.

**PRE-CONSTRUCTION PREVENTIVE APPLICATION**

Treatment of existing colonies: All existing active termite colonies situated within 50 m of the structures perimeter (or within the property boundary, whichever distance is the shorter), should be treated with TERMALATE SC (see below). The treatment of surrounding nests will assist in preventing attack on structures subsequently erected on the site.

All cellulose containing material such as wood/timber, paper, cardboard that may serve as a food source for termites should be removed from the site before treatment. No structures should be erected over such food sources (i.e. floors, slabs, paving etc).

Do not apply TERMALATE SC to excessively wet soil. If more than 15 mm rain falls within 24 hours after application, the application should be repeated unless the treated soil was adequately protected.

In all cases the treated soil surface should not be disturbed after treatment, as this may damage the treated barrier, allowing termites access to the structure through such areas.

**PRE-CONSTRUCTION PREVENTION**

Location	Dilution /100 litres	Method of Application
Foundations, service trenches and foundation walls	1 litre	The bottom and sides of foundation and service trenches must be treated at the rate of 5 litres mixture per linear metre. Service trenches must be treated for their full length inside the building. All inner foundation walls must be treated on both sides and outer foundation walls on the inside at a rate of 5 litres mixture per linear metre for their full length inside the building.
Soil surface under floor slabs	1 litre	Apply 5 litres mixture per 1 m <sup>2</sup> on the soil surface where the floor will be cast. Ensure that the coverage is good where cables and /or piping enter the building.
Suspended floors	1 litre	The surface of the crawl space and the enclosing walls must be treated at a rate of 5 litres mixture per 1 m <sup>2</sup> . Ensure that the coverage is good where cables and/or piping enter the building.
Pile and beam construction	1 litre	The bottom surface of pile and beam foundations must be treated at the rate of 5 litres mixture per 1 m <sup>2</sup> , after compaction and before the concrete is cast.
Unexposed soil surfaces	1 litre	Apply 5 litres of the mixture per 1 m <sup>2</sup> on the soil surface where paving, entrance steps, verandas etc. will be connected to the structure.

**POST-CONSTRUCTION REMEDIAL APPLICATION**

With remedial treatments it is important that the application is carried out in such a way that the TERMALATE SC is distributed in a continuous layer in the soil under existing structures. The most common reason for failures is that the mixture is not distributed in a continuous layer. Any none treated areas in a soil barrier are readily exploited by termites to gain access to the structure. This is particularly important under solid floors where it can be difficult to get the remedy to distribute evenly under the floor due to the compacted soil.

Location	Dilution /100 litres	Method of Application
Perimeter treatment	1 litre	Dig a 30 cm wide trench around the exterior perimeter of the foundations and as deep as the top of the footing. Apply 5 litres of mixture per linear meter within the trench. Both the sides and bottom of the trench must be adequately covered by the application. The trench must be backfilled and compacted. This treatment must be done in sections of 3 - 6 m at a time to prevent weakening of the structure.
Solid floors	1 litre	Drill holes approximately 30 cm apart through the floor around the inside of the perimeter of each room, and around the perimeter of the structure. Holes should be drilled to the top of the footing in the foundation. If the design of the building is such that vertical holes cannot be drilled through the floor along the outside perimeter, then the horizontal holes approximately 1 m apart must be drilled from the outside through the foundation wall, into the soil underneath the solid floor. Apply 5 litres of mix per hole. Holes should be suitably sealed after application.
Suspended floors	1 litre	Where possible, a 30 cm wide trench should be dug around the inside of the foundation walls as deep as the top of the footing and treated with 5 litres of mixture per linear metre. The trench must be backfilled and compacted. This treatment must be done in sections of 3 – 6 m at a time in order not to weaken the foundations. Treat the surface of the crawl space and the enclosed walls at a rate of 5 litres of mixture per m <sup>2</sup> . The treated surfaces should not be disturbed. If there is no access to the subfloor access openings should be cut into the floorboards and the treatment carried out as prescribed above. The removed sections must be replaced after application and sealed. Where no crawl space exists, holes can be drilled through the floor at regular intervals and the soil surface flooded with a mixture at a rate of 5 litres of mixture at a rate per m <sup>2</sup> . The holes must be plugged and sealed after application.

#### TREATMENT OF EXISTING TERMITE MOUNDS / COLONIES / NESTS

Termalate SC can be used to control existing active colonies by treating the nests. TERMALATE SC must be applied into the termite nest or mound.

**Application rate:** Mix 50 ml TERMALATE SC in 5 Litres water (1 litre in 100 litres water).

**Application method:** Apply 5 litres mixture to the termite nest in the following way:

Termite mounds: Remove the top of the mound with a spade or hoe and pour 5 litres of the mixture into the termite nest.

Termite mounds with "chimneys" (e.g. *Odontotermes* spp.): Pour 5 litres mixture into as many chimneys as can be found. Divide the 5 litres mixture evenly between the various chimneys.

Termite nests (e.g. *Hodotermes* spp.) Harvester Termite - Pour mixture evenly down as many nest holes as possible. Treat leaf stalks and place around nest site.

Can be used as a preventative measure in road, dam wall construction and in utility pole ground placement, treatment of timber in storage, tree plantations and forest ecosystems.

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Crop	Pest	Dosage Rate	Directions For Application
Lawns & Turf grass	Mole Crickets (Grylotalpa Africana)	20 ml / 100 m <sup>2</sup> (2000 ml / ha)	Apply with Sprayer on the lawn in 3 – 4 litres water / 100m <sup>2</sup> (or 300 – 400 litres water / ha). Irrigate with at least 5 – 10mm water after application. For more effective results, treat mole crickets before they reach the size of 15 mm in length

#### WARNINGS

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- Handle the concentrate with care.
- Poisonous when swallowed, inhaled or absorbed through the skin.
- Toxic to fish, bees and other animals.
- Store in a cool place away from food and feed.
- Keep out of reach of children, uninformed people and animals.
- In case of poisoning, CALL A DOCTOR AND MAKE THIS LABEL AVAILABLE TO HIM / HER.

#### PRECAUTIONS

- Do not inhale fumes or spray mist.
- Wear a face shield, overall, rubber gloves and boots while handling.
- Wash contaminated clothing daily.
- Avoid skin or eye contact.
- Wash with soap and water immediately after use: After accidental skin contact wash immediately with plenty of clean water for at least 15 minutes.
- In case of eye splashes, rinse thoroughly with clean water for at least 15 minutes.
- Do not eat, drink or smoke whilst mixing or applying, or before washing hands and face and changing clothes.
- Prevent contamination of food, eating utensils, feed and drinking water.
- Prevent contamination of water sources and areas not under treatment.
- Clean all equipment thoroughly after use and do not contaminate the environment with wash water.
- TRIPLE RINSE empty containers in the following manner: Invert the empty container over the spray or mixing tank and allow to drain 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 10 % of that of the container. Add the rinse to the contents of the spray tank before destroying the container in the prescribed manner.
- Do not re-use the container for any other purpose.

#### SYMPTOMS OF HUMAN POISONING

No cases of human poisoning are known. Fipronil is a reversible GABA receptor inhibitor. During intoxication, it will induce neurological stimulation with possible convulsions.

#### FIRST AID TREATMENT

- In case of contact with skin, wash immediately with water and if possible soap. Washing must be prolonged (at least 15 minutes).
- In case of contact with eyes, wash immediately with plenty of water. Washing must be prolonged (at least 15 minutes). Seek medical advice.
- If swallowed, try to induce vomiting. Seek medical advice (show the label to the doctor). Keep the victim under medical control. In case of consciousness disorders, do not try to induce vomiting.

#### NOTE TO PHYSICIAN

Fipronil is slowly absorbed through the gut. Absorption may be reduced by the use of gastric lavage, saline purgative and activated charcoal (possible entero-hepatic recirculation). No specific antidote is known. Phenobarbital but not benzodiazepines, have been shown experimentally to be active on convulsions induced by Fipronil.

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