

# ULTRATHOR™

## WATER-BASED TERMITICIDE

Reg. No. L9296 Act/Wet No. 36 of/van 1947  
Namibian Reg. No. N-AR1504

READ ATTACHED PACKAGED LEAFLET BEFORE USE  
KEEP OUT OF REACH OF CHILDREN AND ANIMALS

**GROUP 2B INSECTICIDE**

A suspension concentrate residual and contact insecticide for the control of subterranean wood destroying termites in and around buildings and structures



**DANGER**

ACTIVE INGREDIENTS/ AKTIEWE BESTANDELE:

Fipronil (fiprole)..... 100 g/L

Hazard Statements:  
Harmful if inhaled.  
Very toxic to aquatic life.

Precautionary Statements:  
Avoid breathing fumes, mists, vapours, or spray.  
Wash contacted areas thoroughly after handling.

# ENSYSTEX®

LEADING INNOVATION IN PEST MANAGEMENT

## ENSYSTEX SOUTH AFRICA (PTY) LTD

[www.Ensystex.co.za](http://www.Ensystex.co.za)

### ENSYSTEX SOUTH AFRICA (PTY) LTD

Co./Mpy Reg. No. 2008/009219/07

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Boksburg GAUTENG 1469

CUSTOMER SERVICE 080 367 9783

EMERGENCY RESPONSE (ALL HOURS) 082-446-8946 (24 HR SERVICE)

[www.Ensystex.co.za](http://www.Ensystex.co.za)

UN number: 3082

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### GHS Signal word: DANGER

### HAZARD STATEMENT:

H410: Very toxic to aquatic life with long lasting effects.

H322: Harmful if inhaled.

H372: Causes damage to organs through prolonged or repeated exposure.

### DISCLAIMER

Ensystex South Africa (Ensystex) warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with Directions for Use under normal conditions of use. No warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of the product contrary to label instructions or under abnormal conditions.

### PREVENTION

P102: Keep out of reach of children.

P261: Avoid breathing fumes, mists, vapours or spray.

P270: Do not eat, drink or smoke when using this product.

P271: Use only outdoors or in a well ventilated area.

P280: Wear protective gloves, protective clothing and eye or face protection.

### RESPONSE

P312: Call a POISON CENTRE or doctor if you feel unwell.

P362: Take off contaminated clothing and wash before reuse.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P313: If skin irritation occurs: Get medical advice.

P337+P313: If eye irritation persists: Get medical advice.

P391: Collect spillage.

P370+P378: In case of fire, use carbon dioxide, dry chemical, foam, water fog. Alcohol resistant foam is the preferred firefighting medium but, if it is not available, normal foam can be used.

### PRECAUTIONS

- Prevent contamination of rivers, dams and areas not under treatment.
- Clean application equipment thoroughly after use and dispose of wash water where it will not contaminate crops, grazing, rivers or dams.

### DISPOSAL

- Triple rinse empty container 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 rinsings to the contents of the spray tank before destroying the container in the prescribed manner.
- Destroy empty container by perforation and flattening and never use for any other purpose.
- Prevent contamination of food, feeds, eating utensils and drinking water.

### FIRST AID

#### General Information:

In case of human or animal poisoning, call the Griffon Poison Centre 082-446-8946 (24 hr service). Have this SDS with you when you call.

**Inhalation:** If symptoms of poisoning become evident, contact a Poisons Information Centre, or call a doctor at once. Remove source of contamination or move victim to fresh air. If breathing is difficult, oxygen may be beneficial if administered by trained personnel, preferably on a doctor's advice. DO NOT allow victim to move about unnecessarily. Symptoms of pulmonary oedema can be delayed up to 48 hours after exposure.

**Skin Contact:** Wash gently and thoroughly with warm water (use non-abrasive soap if necessary) for 10-20 minutes or until product is removed. Under running water, remove contaminated clothing, shoes and leather goods (e.g. watchbands and belts) and completely decontaminate them before reuse or discard. If irritation persists, repeat flushing and seek medical attention.

**Eye Contact:** Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 20 minutes or until the product is removed, while holding the eyelid(s) open. Take care not to rinse contaminated water into the unaffected eye or onto the face. Obtain medical attention immediately. Take special care if exposed person is wearing contact lenses.

**Ingestion:** If swallowed, do NOT induce vomiting. Wash mouth with water and contact a Poisons Information Centre, or call a doctor.

### DIRECTIONS FOR USE

#### Use only as directed.

**ULTRATHOR™ Water Based Termiticide** is recommended for the treatment of soil to control subterranean wood destroying termites in and around buildings and structures.

#### Mixing instructions

Prior to mixing, shake container thoroughly. Premix the required quantity of **ULTRATHOR™ Water Based Termiticide** with a small amount of water in a clean bucket.

Fill the spray tank half with water and add the premixed **ULTRATHOR™ Water Based Termiticide**.

Fill the spray tank with water to the required volume.

Agitate the contents of the spray tank during mixing and application. Do not store prepared mixture. Prepare only.

#### General use directions

- All the applications indicated must conform to the details set out in SANS 10124 of 2006, The application of soil insecticides for the protection of buildings.
- Do not apply to soils if excessively wet or immediately after heavy rain to avoid run-off of the termiticide.
- If more than 15 mm rain falls within 24 hours after application, the application should be repeated unless the treated soil was adequately protected against rain.
- The treated soil, which serves as a barrier between the termites and the structure, should in all cases not be disturbed after treatment. Disturbance of the soil will damage the treated barrier, allowing termite access to the structure through disturbed areas.
- When applied prior to the construction of structures do not apply mixture until location of heat pipes, ducts, water and sewer lines and electrical conduits are known and identified. Caution must be taken to avoid puncturing and injecting into these structural elements.
- Apply at rates recommended. Do not apply at rates lower than indicated.

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A-SA/NB-CHEUL1007/1016 5.01 06.23

SITUATION	DOSAGE PER 100 L WATER	APPLICATION DIRECTIONS
PRE CONSTRUCTION Preventive treatment	250 mL / 100 L (12.5 mL / 5 L water)	All active termite colonies situated on the site within 50 m of the perimeter of the structure that will be erected (or within the property boundary, whichever distance is the shorter), should be treated (see 'Treatment of active colonies' below). The treatment of the nests of the colonies will assist in preventing termite attack on structures that will be erected on the site. All cellulose containing material (wood, paper, etc.), a food source for termites, should be removed from the site before treatment. No structures i.e. floor slabs, paving etc. should be erected over termite food sources such as timber scraps left over from construction work.
		<p><b>Treatment of active colonies</b> Apply 5 L mixture to a termite nest as follows: <b>Termite mounds:</b> Remove the top of the mound with e.g. a spade and pour 5 L mixture into the nest. <b>Termite mounds with 'chimneys' (e.g. <i>Odontotermes</i> spp):</b> Pour 5 L mixture into all the chimneys that can be found. Divide the 5 L mixture evenly between the chimneys.</p> <p><b>Treatment of foundation and service trenches and foundation walls</b> Treat the bottom and sides of foundation and service trenches at a rate of 5 L mixture per linear metre. Service trenches that accommodate sewers, water pipes and electric cables that enter the building must be treated for their full length inside the building. Treat all inner foundation walls on both sides and the outer foundation walls on the inside at a rate of 5 L mixture per linear metre.</p> <p><b>Treatment of soil surface under floor slabs</b> After the ground has been filled and compacted but before concrete slab is cast, treat the hardcore and soil at a rate of 5 L mixture per 1 m<sup>2</sup> to where the floor will be casted. Ensure good coverage where cables and/or piping enter the structure. <b>Note:</b> Special attention must in all cases be paid to thorough coverage along the inside of the foundation walls, indoor partition walls, around and along plumbing and electrical conduits (where applicable) and inside cavity walls. It is imperative that the mixture shall be applied in such a way that a continuous protective layer of the building's floor plan is achieved.</p> <p><b>Suspended floors</b> Treat the entire surface area below the floors at a rate of 5 L mixture per 1 m<sup>2</sup>. Ensure good coverage where cables and/or piping enter the structure.</p> <p><b>Pile and boom construction</b> Treat the bottom surface of the pile and boom foundations at a rate of 5 L mixture per 1 m<sup>2</sup> after compaction and before the concrete is cast.</p> <p><b>Unexposed soil surfaces</b> Apply 5 L mixture per 1 m<sup>2</sup> to the soil surfaces where paving, entrance steps, verandas, etc. will be connected to the structure.</p>
POST CONSTRUCTION Corrective treatment Conventional treatment	An out- and indoor treatment must be applied as a full corrective treatment post construction. With corrective treatments it is important that the application is carried out in such a way that the termiticide is distributed in a continuous layer in the soil under existing structures. A main reason for the failure of corrective treatments is that the termiticide is not distributed in such a continuous layer and any gaps, where there is no termiticide in the soil barrier, are rapidly exploited by termites to gain access to the structure. This is important under solid floors where it is often difficult to get the termiticide to distribute evenly under the floor in the compacted soil.	250 mL / 100 L (12.5 mL / 5 L water)
Corrective treatment Perimeter drill and inject treatment	250 mL / 100 L (12.5 mL / 5 L water)	<p><b>Outdoor perimeter treatment</b> <b>Trench application:</b> Dig a 30 cm wide and 45 cm deep trench around the exterior perimeter of the foundations. Do not dig below the foundation. Apply 5 L mixture per linear metre of the trench. Both the sides and bottom of the trench must be adequately covered by the application. Backfill the trench with soil that has been treated with the same mixture. Compact the treated soil used to backfill. Treat lengths of 3 to 6 m foundation at a time in order to prevent weakening of the foundation structure. <b>Drill and inject application:</b> Where concrete aprons, porches, verandahs, paved walkways etc. prevent the use of trenching as described above a perimeter drill and inject application should be carried out. Drill holes 1 m apart around the entire outside perimeter of the structure. Holes must be drilled from the outside through the outer walls to ensure that the mixture is applied under the floor slab. Holes should be drilled to the top of the footing of the foundation. If the design of the structure is such that vertical holes cannot be drilled through the floor along the outside perimeter, then horizontal holes 1 m apart must be drilled from the outside through the foundation wall into the soil underneath the solid floors. Flood the mixture into these holes at 5 L per hole and seal the holes with mortar after the mixture has drained away.</p> <p><b>Indoor application</b> <b>Suspended wooden floors:</b> 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 L mixture per linear metre. The trench must be backfilled with treated soil and the latter compacted. This treatment must be done in sections of 3 to 6 m at a time in order not to weaken the foundation. Treat the surface of the crawl space and the enclosing walls at a rate of 5 L mixture per m<sup>2</sup>. If there is no access openings should be cut into the floorboards and the treatment carried out as described above. The removed section must be replaced after application and sealed. Where there is no crawl space, holes can be drilled through the floor at regular intervals. The soil surface below the floor must be treated at a rate of 5 L mixture per m<sup>2</sup>. Fill all holes with wooden dowels after application. <b>Solid floors:</b> Drill holes through the concrete floors around the inside perimeter of all rooms in the structure, approximately 1 m apart. Flood the mixture into these holes at 5 L per hole and seal the holes with mortar after the mixture has drained away.</p>
Road and runway construction	250 mL / 100 L (12.5 mL / 5 L water)	Treatment must be done below the second last compaction fill at 5 litre mixture per m <sup>2</sup> . The treatment must be extended across the entire width of the road, including the road shoulders.