

# ALPHATHRIN

Reg. No. L 7850 Act / Wet No. 36 of/van 1947  
IRAC INSECTICIDE GROUP CODE / IRAC INSEKDODERGROEP KODE: 3

**ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL:**  
Alpha-cypermethrin (pyrethroid) / alfa-sipermetrien (piretroïed)..... 100 g/ℓ

**Registration holder / Registrasiehouer:**  
**TSUNAMI PLANT PROTECTION (PTY) LTD**  
**Co. Reg. No. / Mpy. Reg. Nr.: 2004/020524/07**  
**P.O. Box / Posbus 466, HEIDELBERG, 1438, TEL: (011) 812 9800**



## WAARSKUWINGS:

- Hanteer versigtig.
- Skadelik indien ingesluk.
- Verorsaak oog- en velirritasie.
- Baie giftig vir visse en bye.
- Indien gebruik soos voorgeskryf, nie beduidend nadelig vir bye, verskillende ander nuttige plaagparasiete en -predatore en vis onder veldtoestande nie.
- Stoor in 'n koel, droë plek en weg van voedsel en voer.
- Moet nie op oppervlakke waar voedsel hanteer word, toedien nie.
- Hou agter slot en grendel, buite bereik van kinders, oningeligte persone en diere.
- **In geval van vergiftiging, ontbied 'n mediese dokter en maak hierdie etiket aan hom/haar beskikbaar.**

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, onverenigbaarheid met ander stowwe wat op die etiket aangedui is nie en die voorkoms van weerstand van die plaag 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 'n gebrek aan prestasie van die betrokke middel as gevolg van die versuim van die gebruiker om etiketaanwysings 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.

## VOORSORGMATREËLS:

- Voorkom kontak met die oë en vel.
- Voorkom inaseming van die spuitnewel.
- Dra beskermende klere: oorpak, rubber handskoene en gesigskerm.
- Was met water en seep na gebruik of toevallige velkontak.
- Was besoedelde klere na gebruik.
- Moet nie eet, drink of rook gedurende vermenging of bespuiting of voordat hande en gesig gewas is en skoon klere aangetrek het nie.
- Voorkom besoedeling van voedsel, voer, drinkwater en eetgerei.
- Verwyder troeteldiere en vistenke of bedek vistenke.
- Was en spoel spuitapparaat / houers / emmers, deeglik uit ná gebruik en doen weg met waswater op so 'n manier dat dit nie gewasse, weiding, riviere of damme sal besoedel nie.
- Die leë houer moet DRIEKEER UITGESPOEL word soos volg: Keer die leë houer om oor die spuittenk of mengbak en dreineer vir minstens 30 sekondes nadat die vloei tot 'n gedrup verminder het. Spoel die houer daarna driekeer uit met 'n volume water gelykstaande aan 'n minimum van 10 % van die houer. Gooi hierdie spoelwater by die inhoud van die spuittenk.
- Vernietig leë houer deur gate daarin te slaan en plat te druk.
- Moet nie die leë houer vir enige ander doel hergebruik nie.

## SIMPTOME VAN MENSLIKE VERGIFTIGING:

Kan branderigheid, jeuk of tintelende sensasie van die vel veroorsaak en geredelik verdwyn. Inaseming mag loopneus, krapperige keel, hipersensitiwiteit, spierstoornis en urine onbeheersheid. Simptome van hoë dosis inname sluit in duiseligheid, hoofpyn, naarheid, aanhoudende braking, maagpyn, diarree, moegheid, hipersensitiwiteit, spierstoornis en urine onbeheersheid.

## NOODHULPBEHANDELING:

Verwyder die pasiënt van bron van vergiftiging en hou hom rustig en kalm.

**Oogkontak:** Spoel oë met skoon sagvloeiende water, vir ten minste 20 minute terwyl ooglede gereeld oopgemaak word. Indien irritasie voortduur, ontbied mediese hulp.

**Velkontak:** Verwyder gekontameneerde klere en spoel geaffekteerde liggaamsdele deeglik met oorvloedige seep en koue water af. Moet nie vel hard vryf nie. Smeer olyfolie aan geaffekteerde areas vir onmiddellike verligting. Ontbied mediese hulp indien irritasie voortduur.

**Ingeasem:** Neem pasiënt na vars lug. Indien asemhalingsprobleme, of irritasie voorkom en voortduur, ontbied mediese hulp.

**Ingesluk:** Moet nie braking veroorsaak nie. Indien die pasiënt wakker is, spoel mond deeglik met water uit en gee 1 tot 2 glase water om te drink. Moet nie iets per mond vir 'n bewustelose persoon gee nie. Ontbied mediese hulp onmiddellik.

## NOTA AAN GENEESHEER:

Geen spesifieke teenmiddel is beskikbaar nie.

Die produk bevat 'n piretroïed. Maak die maag leeg so spoedige moontlik met behulp van versigtige maagspoeling. Deur braking te induseer om hierdie middel uit maag te verwyder, kan die risiko vir chemiese inflammasie van longe en long oedema verhoog, as gevolg van aspirasie van die maaginhoud.

Behandel simptome en ondersteunend.

Behandel ongemak as gevolg van irritasie, simptome.

## GEBRUIKSAANWYSINGS: GEBRUIK SLEGS SOOS AANGEDUI

**Verenigbaarheid:**

Moet nie enige ander produk met **ALPHATHRIN** meng nie.

**Menginstruksies vir bespuiting:**

- Maak die spuittenk halfvol met skoon water.
- Meet die benodigde hoeveelheid **ALPHATHRIN** af en meng dit vooraf met 'n klein hoeveelheid skoon water.
- Voeg hierdie mengsel by die water in die spuittenk.
- Vul die spuittenk met water tot by die verlangde vlak en skud die spuittenk goed om te verseker dat die spuitmengsel behoorlik gemeng is, of verseker dat aanhoudende meganies of hidrouliese vermenging toegepas is, alvorens daar begin word met bespuiting.
- Aangemaakte spuitmengsel moenie in die spuittenk gelaat word vir 'n onbepaalde tyd, bv. oornag, nie.

**Algemene aanwysings:**

**ALPHATHRIN** is 'n suspensie konsentraat kontak- en maaginsekdoder met 'n lang nawerkende aksie vir die beheer van vlieë, kakkerlakke, weeluse, vlooië, vismotte, muskiete en miere.

Die tydperk van beheer word beïnvloed deur:

- die insekspesie wat behandel moet word,
- die vlak van infestasie,
- die tipe oppervlak wat behandel word,
- of die bespuiting binne- of buitenshuis gedoen word en
- blootstelling aan sonlig en algemene weersomstandighede.

'n Spuitmengsel van **ALPHATHRIN** kan derhalwe gespuit word buite- of binne wonings, fabriek, hotelle, winkels, geboue waar voedsel verwerk word, hospitale, skole, melkerye, varkhokke, perdestalle, hoender- en hondehokke, vullishope en soortgelyke plekke waar 'n hoë mate van higiëne vereis word. Alle bespuitings moet met geskikte toerusting, wat in 'n goeie werkende toestand is en korrek gekalibreer is, toegedien word, om te verseker die gewenste bedekking word verkry vir daardie spesifieke metode van toediening.

## DOSISSE

PLAAG:	DOSIS:	TOEDIENINGSVOORSKRIFTE:
<b>OPENBARE GESONDHEID:</b> <b>Volwasse Huisvlieë</b> <b>Perdevlieë</b> <b>Miere</b> <b>Weeluse</b> <b>Kakkerlakke (Amerikaanse en Duitse)</b> <b>Vismotte</b> <b>Vlooië</b>	<b>25 - 50 ml/10 ℓ water</b>	<b>Wend as 'n growwe bespuiting aan of dien toe met 'n kwas aan krake, holtes en enige plek waar insekte mag wegkruip of op oppervlakke waaroor insekte mag beweeg of op gaan sit. Dien tot punt van afloop toe. Gebruik die hoër dosis onder hoë infestasiedruk of waar langer periodes van beheer tussen toedieings verlang word. Herhaal indien nodig.</b>

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HARMFUL

SKADELIK

## WARNINGS:

- Handle with care.
- Harmful when swallowed.
- Irritating to eyes and skin.
- Very toxic to fish and bees.
- If used as directed, not significantly hazardous to bees, various other beneficial pest parasites and predators and fish under field conditions.
- Store in a cool dry place and away from food and feedstuffs.
- Do not apply to surfaces where food is handled.
- Keep under lock and key, out of reach of children, uninformed persons and animals.
- **In case of poisoning call a doctor and make the 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 climatic and storage conditions, quality of dilution water, incompatibility with other substances not indicated on the label and the occurrence of resistance of the pest 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:

- Avoid eye and skin contact.
- Avoid inhalation of spray mist.
- Wear protective clothing: overall, rubber gloves and face shield.
- Wash with soap and water after use or after accidental skin contact.
- Wash contaminated clothing after use.
- Do not eat, drink or smoke while mixing or applying the product or before washing hands and face and changing clothing.
- Prevent contamination of food, feedstuffs, eating utensils and drinking water.
- Remove pets and aquaria or cover aquaria.
- Thoroughly wash and rinse the spray equipment / containers / basins after use and dispose of wash water where it will not contaminate crops, grazing, rivers and dams.
- 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 these rinsings to the contents of the spray tank.
- Destroy empty container by perforation and flattening.
- Never re-use the empty container for any other purpose.

## SYMPTOMS OF HUMAN POISONING:

May cause burning, itching or tingling sensations of the skin and readily disappear. Inhalation may cause nasal discharge, a scratchy throat, hypersensitivity, ataxia and urinary incontinence. Symptoms of high-dose ingestion may include dizziness, headache, nausea, prolonged vomiting, stomach pains, diarrhea, fatigue, hypersensitivity, ataxia and urinary incontinence.

## FIRST AID TREATMENT:

Remove patient from source of poisoning and keep him quiet and reassured.

**Eye contact:** Flush eyes with clean gentle flowing water for at least 20 minutes, occasionally holding the eyelid(s) open. If irritation persists, obtain medical attention.

**Skin contact:** Remove contaminated clothing and rinse contaminated body area thoroughly with plenty of soap and cold water. Do not rub skin. Apply olive oil to affected areas for prompt relief. Get medical attention if irritation persists.

**Inhalation:** Move the patient to fresh air. If breathing difficulty or irritation occurs and persists, obtain medical attention.

**Ingestion:** Do not induce vomiting. If the patient is alert, have the mouth thoroughly rinsed with water and give 1 to 2 glasses of water to drink. Do not give anything by mouth to unconscious person. Obtain medical attention immediately.

## NOTE TO PHYSICIAN:

There is no specific antidote available.

This product contains a pyrethroid. The stomach should be emptied as soon as possible by careful gastric lavage. Inducing vomiting to remove this preparation from the stomach can increase the risk of chemical pneumonitis and pulmonary edema due to aspiration of stomach contents. Treat symptomatically and supportively.

Treat discomfort due to irritation symptomatically.

## DIRECTIONS FOR USE: USE ONLY AS DIRECTED

### Compatibility:

Do not mix **ALPHATHRIN** with any other chemical.

### Mixing instructions for spraying:

- Half fill the sprayer with clean water.
- Measure the required volume of **ALPHATHRIN** and pre-mix this with a small amount of clean water.
- Add this mixture to the water in the sprayer.
- Fill the sprayer with water to the required level and shake the sprayer well to ensure proper mixing or ensure continual mechanical or hydraulic agitation before spraying commences.
- Prepared spray mixture must not be left in the spray tank for any length of time e.g. overnight.

### General directions:

**ALPHATHRIN** is a long lasting suspension concentrate contact and stomach insecticide for the control of flies, cockroaches, bedbugs, fleas, fish moths, mosquitoes and ants.

The residual control depends on:

- the insect species being treated,
- the level of infestation,
- the type of surface treated,
- whether the treatment is applied indoors or outdoors and
- exposure to sunlight and weather conditions.

**ALPHATHRIN** spray mixture can be used indoors or outdoors, in and around homes, factories, hotels, shops, food handling and processing establishments, hospitals, schools, dairy parlours, piggeries, stables, poultry houses, dog kennels, refuse dumps and similar places where high levels of hygiene are required.

All spray applications must be made with suitable equipment that is in good working order and correctly calibrated to ensure the desired coverage for that particular method of application.

## DOSAGE RATES:

PEST:	DOSAGE:	DIRECTIONS FOR APPLICATION:
<b>DOMESTIC AND PUBLIC HEALTH:</b> Adult house & stable flies Ants Bedbugs Cockroaches (American & German) Fish moths Fleas	25 - 50 ml/10 ℓ water	Apply as a coarse spray or with a paintbrush to cracks, crevices and any place where these insect may hide and on surfaces over which they may crawl or settle. Apply to point of run-off. Use higher dose rate for longer lasting control or where infestation is severe. Repeat if necessary.