

**Coopers
PROMETHRIN EC**

REG. NO. L10291 Act No. 36 of 1947

**READ THE LABEL BEFORE USE
KEEP OUT OF REACH OF CHILDREN AND ANIMALS**

GROUP	3A	INSECTICIDE
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AN EMULSIFIABLE CONCENTRATE INSECTICIDE WITH QUICK KNOCKDOWN, FLUSHOUT AND RESIDUAL ACTIVITY FOR CONTROL OF FLYING AND CRAWLING PESTS. FOR USE IN RESIDENTIAL/ COMMERCIAL AND INDUSTRIAL SETTINGS SUCH AS KITCHENS, FOOD HANDLING PREMISES, RESTAURANTS ETC. TO BE USED AS A RESIDUAL SPRAY OR FOGGING / MISTING SOLUTION.



DANGER

Hazard Statements:

- May be harmful if swallowed.
- May cause an allergic skin reaction.
- May be fatal if swallowed and enters airways.
- Very toxic to aquatic life with long lasting effects.

Precautionary Statements:

- Wash hands thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Wear protective gloves.
- Call a POISON CENTER/doctor/physician if you feel unwell.
- If skin irritation or rash occurs: Get medical advice/ attention.
- Wash contaminated clothing before reuse.

ACTIVE INGREDIENT:

Permethrin (pyrethroid) 25/75 cis trans isomers 100 g/l

NETTO CONTENTS: Contact supplier for full list of available packaging sizes.

REGISTRATION HOLDER:

Staplex 83 cc
91 Maple Street
Pomona
Kempton Park
1619
South Africa
Batch no:

IN CASE OF POISONING CALL THE FOLLOWING NUMBER: (+27) 82 446 8946

UN No. 3082

WARNINGS:

Handle with care.

Keep out of reach of children, uninformed persons and animals.

Store in a cool, safe place away from direct sunlight.

Store away from food or feedstuffs.

Toxic to fish, bees and wildlife.

Flammable – do not handle or store near open flame.

Concentrate may irritate skin and eyes, concentrate harmful through contact or when swallowed.

PRECAUTIONS:

Do not use in the presence of persons with known sensitivity to pyrethroids.

In the case of signs of sensitivity, obtain medical advice.

Avoid skin contact with the concentrate. Wear rubber gloves.

Wash with soap and water after use.

Triple rinse and destroy empty container after use and do not re-use for any other purpose.

RELEVANT SUBSTANCES:

All relevant hazardous substances within the formulation:

11% Permethrin

> 60% Solvesso 150

FIRST AID:

If inhaled: Keep patient calm, remove to fresh air, and seek medical attention.

On skin contact: After contact with skin, wash immediately with plenty of water and soap. If irritation develops, seek medical attention.

On contact with eyes: Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

On ingestion: Immediately rinse mouth and then drink plenty of water, DO NOT induce vomiting. Immediately call a POISON CENTER/doctor/ physician.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED.

Shake well before use.

PEST	DOSAGE	REMARKS
Cockroaches, bedbugs, fishmoths, fleas, crickets	100 ml/5 ℓ 200 ml/5 ℓ	The lower dose can be used in areas where quick knockdown and short residual is required, e.g. for treating camp sites, refuse dumps, market-places, areas regularly washed, etc. Apply using 5 – 10 ℓ spray mix / 100 m ² or until surface area to be treated is wet. Repeat when necessary. LASTING CONTROL: This dosage range to be used in areas where long lasting residual control is required. Thoroughly treat places where pests hide (e.g. behind skirting boards, under and behind cooking equipment, sinks, cupboards, etc.), from a short distance to the point of wetness. If pest harborage are not directly accessible, spray an insecticidal barrier onto surrounding surfaces. The higher dosage (200 ml) should be used where infestations are severe or where longer intervals between spray applications are required. Repeat application when necessary.
Ants	100 ml/5 ℓ 100 – 200 ml/5 ℓ	Outdoors: Spray directly onto foraging individuals or apply as a drench treatment into nests. Repeat as necessary. Indoors: Apply to non-porous surfaces where ants are regularly observed for a quick knockdown and short-term residual. The higher dose (200 ml) should be used in areas where infestation is high or where a longer residual is required. Repeat as necessary.

PEST	DOSAGE	REMARKS
Flies	100 ml/5 ℓ	The lower dose can be used in areas where quick knockdown and short residual is required, e.g. for treating camp sites, refuse dumps, marketplaces, areas regularly washed, etc. Apply using 5 – 10 ℓ spray mix / 100 m ² on porous surfaces or until the point before runoff from smooth surfaces. Repeat when necessary.
	200 ml/5 ℓ	<p>LASTING CONTROL: To be used in areas where long lasting residual control is required. Treat all surfaces where flies settle (e.g. windows, windowsills, near rubbish bins, etc.), to the point before runoff.</p> <p>The higher dosage (200 ml) should be used where a large population of flies are present or where longer intervals between spray applications are required. Repeat application when necessary. Up to 4 weeks control can be expected on smooth surfaces.</p> <p>NOTE: To enhance efficacy against flies in non-sensitive areas, add 125 g sugar/5 ℓ spray mix.</p>
Mosquitoes	100 ml/5 ℓ	<p>SHORT TERM CONTROL: The lower dose can be used in areas where long lasting control is not required, e.g. for treating camp sites, market places, areas regularly washed, etc. Apply using 5 – 10 ℓ spray mix / 100 m² or until surface area to be treated is wet. Repeat when necessary. Tent material and sleeping nets can also be treated. Allow to dry thoroughly before re-entry.</p>
	200 ml/5 ℓ	<p>LASTING CONTROL: To be used in areas where long lasting residual control is required. Spray surfaces where mosquitoes settle (e.g. dark corners, behind and inside cupboards, under beds, etc.), to the point before runoff.</p> <p>The higher dosage (200 ml) should be used where the population is large or where longer intervals between spray applications are required. Repeat application when necessary. Up to 4 weeks control can be expected on smooth surfaces.</p>

SPACE TREATMENTS:

Misting/fogging solutions, apply at the rate of 1 mg permethrin active ingredient per cubic meter to 3 mg permethrin active ingredient per cubic meter diluted as per the pest dosage table above. Apply the Misting/ Fogging solution at 5 ml solution per cubic meter; solution = Promethrin EC + water.

TURF APPLICATION:

Broad spectrum insecticide for the control of garden insect pests on golf courses, bowling rinks, parks, instant lawn farms and home lawns.

MIXING INSTRUCTIONS:

Pour the required quantity of **Promethrin EC** into the water while agitating. Do not allow the **Promethrin EC** spray mixture to stand for any length of time before using. Do not use brackish water.

APPLICATION INSTRUCTIONS:

1. Use only clean water.
2. A uniform and even distribution of the spray material over the area is essential for the effective application of **Promethrin EC**.
3. IRRIGATION REQUIREMENTS DIRECTLY AFTER TREATMENT FOR THE CONTROL OF THE VARIOUS INSECTS ARE INDICATED I.E.:

a) NO IRRIGATION:

For: Lawn Caterpillars, Aphids, Mealybugs and Harvester Termites.

b) LIGHT IRRIGATION (2 - 5 mm):

For: Garden crickets.

c) HEAVY IRRIGATION (25 mm):

For: Mole crickets.

1. For the optimal control of the insects it is recommended that all turf grass areas to be treated are mowed on the previous day.
2. Do not mow the treated turf grass areas for 24 hours.
3. Ensure that all applications for garden cricket control are made during the late afternoon.

PEST	RATE	REMARKS
Lawn Caterpillar <i>(Spodoptera ciliium)</i> Armyworm <i>(Spodoptera exempta)</i>	Preventive application: 40 ml Curative application: 80 ml	Apply as a high volume overall spray (in 10 ℓ water/100m ²) after the first good rains have fallen in November. Repeat applications at 21 - 30 day intervals. Apply as a high volume spray (in 10 ℓ water/100m ²) at the first signs of infestation, which usually occurs during moist, warm conditions.
Garden Cricket <i>(Gryllus bimaculatus)</i>	40 - 80 ml	Apply as a high volume spray (in 10 ℓ water/100m ²) during late afternoon to ensure maximum exposure of crickets to insecticide during their evening activity. Irrigate lightly (2 - 5 mm) after application. Ensure that the grass is mown 24 hours prior to application. Repeat application after 10 - 14 days if necessary.
Mole Cricket <i>(Gryllotalpa africana)</i>	100 ml	Apply as a high volume spray (in 10 ℓ water/100m ²). Irrigate heavily (25 mm) after application to facilitate insecticide penetration to soil level. Ensure that the grass is mown 24 hours prior to application. If necessary, repeat after 10 - 14 days.
Northern Harvester Termite <i>(Hodotermes mossambicus)</i>	80 ml	Apply as an overall surface spray in 10 ℓ water/100m ² . Apply at first signs of infestation, preferably while termites are actively attacking the grass. Ensure that the grass is mown 24 hours prior to application. The length of control of termite activity may vary depending on the depth, extent and location of nests, the amount of rainfall and specific management practices followed. Repeat application when necessary.
Aphids (Including control on Roses)	20 ml/5 ℓ water	Apply as a direct application to affected parts, focusing on the bottom surfaces of leaves.

PEST	RATE	REMARKS
Mealybug	80 ml/5 l water	Apply as a direct application to affected parts, focusing on the bottom surfaces of leaves. Apply at first signs of infestation (when nymph crawlers are seen), and repeat application as necessary.