

PLATOON® 100 SL

Reg. No. L 10649 Act/Wet No. 36 of/van 1947

IRAC INSECTICIDE GROUP CODE / IRAC INSEKODODER GROEPKODE: 1A

ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL:

oxamyl (carbamate) / oksamil (karbamaat)..... 100 g/l

Registration holder / Registrasiehouer:

VILLA CROP PROTECTION (PTY) LTD.

Co. Reg. No. 1992/002474/07 Mpy. Reg. Nr.

P.O. Box / Posbus 10413, ASTON MANOR, 1630,

Tel. (011) 396 2233

VERY TOXIC**UITERS GIFTIG****WARNINGS****Withholding periods:**

Minimum number of days between last application and harvest:	
Groundnuts	80 days
Potatoes	70 days
Tomatoes	21 days

NOTE

IN THE CASE OF CROPS INTENDED FOR EXPORT, CONFIRM WITHHOLDING PERIODS WITH THE RELEVANT EXPORT ORGANISATION. IF THIS PRODUCT IS USED ACCORDING TO THE RECOMMENDATIONS ON THIS LABEL, LOCAL MRL VALUES WILL NOT BE EXCEEDED. HOWEVER, VILLA CROP PROTECTION (PTY) LTD. CANNOT ACCEPT RESPONSIBILITY FOR EXPORTED CROPS EXCEEDING THE IMPORT TOLERANCES OF OTHER COUNTRIES.

- Handle with extreme care.
- A small quantity may be fatal if swallowed or inhaled.
- May be harmful in contact with skin.
- Causes mild skin irritation.
- Causes serious eye damage.
- Harmful to aquatic life with long lasting effects.
- Toxic to bees and wildlife.
- **Flammable** liquid and vapour. Do not store or spray near open flames and sparks.
- Store under lock and key in a cool, dry, well-ventilated place in the original container, tightly closed.
- Store away from food, feeds, seed, fertilizers and other agricultural remedies.
- Keep out of reach of children, uninformed persons and animals.
- Re-entry: Do not enter treated area within two (2) days after treatment, unless wearing protective clothing.
- **In case of poisoning call a doctor immediately and make this 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, compatibility with other substances not indicated on the label and the occurrence of resistance of the pests to the remedy concerned, as well as by the method, time and accuracy of application. The registration holder further 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 event of any uncertainty.

PRECAUTIONS

- Avoid inhalation of the vapour or spray mist, during mixing and spraying of the product.
- Avoid contact with eyes, skin or clothing.
- Wear full protective clothing, a suitable respirator, rubber gloves and boots when handling the product, preparing the spray mixture and during application.
- Wash with soap and water after use and after accidental skin contact.
- Wash contaminated clothing after use.
- Do not eat, drink or smoke whilst mixing or applying or before washing hands and face and change of clothing.
- Prevent drift of spray mist onto other crops, grazing, rivers, dams or areas not under treatment.
- Clean the applicator thoroughly after use and dispose of wash water where it will not contaminate crops, food, grazing, rivers and dams.
- **TRIPLE RINSE** empty containers in the following manner: Invert the empty container over the spray or mixing tank and allow draining 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 third of that of the container. Add the rinsing to the contents of the spray tank before destroying the container in the described manner.
- Destroy the empty container by perforation and flattening.
- **Never** re-use the empty container for any other purpose.
- Prevent contamination of food, feeds, drinking water and eating utensils.

SYMPTOMS OF HUMAN POISONING

Oxamyl is a carbamate compound, which inhibits cholinesterase. Systemic effects may begin within a few minutes or several hours of exposure. Symptoms may include nausea, vomiting, diarrhoea, abdominal cramps, headache, vertigo, tightness of the chest, anxiety, ocular pain, ciliary muscle spasm, blurred vision, small pupils, or mydriasis, lacrimation, salivation, sweating and confusion.

In severe cases, there may be bradycardia, hypotension, pulmonary oedema, convulsions, coma and death from respiratory failure or cardiac arrest. Exposure to high levels of **Oxamyl** may cause organ damage.

FIRST AID TREATMENT

- **General:** Remove the patient immediately from the source of poisoning to a cool, well-ventilated area and keep him/her calm and reassured. If breathing has stopped, give mechanical artificial respiration (not direct mouth-to-mouth). Qualified personnel should perform administration of oxygen. **Get medical attention immediately.**
- **Inhaled:** Maintain airway and administer oxygen if available. Keep affected person warm and at rest.
- **Skin contact:** Remove contaminated clothing, shoes and leather goods immediately and rinse contaminated body area thoroughly with plenty of soap and cold water, followed by alcohol. Do not rub the skin. Emergency personnel should wear gloves and avoid contamination.
- **Eye contact:** Flush contamination out of eyes with clean lukewarm, gently flowing water for at least 20 minutes, while holding eyelid(s) open. If present, remove contact lenses after 5 minutes and continue rinsing. Take care not to rinse contaminated water into the unaffected eye or on to the face. **Seek medical attention immediately.**
- **Ingestion:** If swallowed, rinse mouth thoroughly with water and immediately get medical attention. If the person is alert and respiration is not depressed, give syrup of Ipecac, followed by water or activated charcoal, if instructed. If vomiting occurs, keep head below hips to prevent aspiration. Establish and maintain airway. **Never** give anything by mouth to an unconscious person.
- **Take the patient to a physician immediately.**

NOTE TO PHYSICIAN

If consciousness level declines or vomiting has not occurred in 15 minutes, empty stomach by gastric lavage. Avoid aminoglycosides and succinylcholine. Phenothiazines, reserpine, theophylline, morphine, Pralidoxime (2-PAM, Protopam) and other oximes are contra-indicated.

Antidote: Administer atropine sulphate intravenously or intramuscularly. In moderately to severe poisoning, administer atropine sulphate, 0.4 to 2.0 mg repeated every 15 minutes, until atropinisation is achieved (dry, flushed skin, dry mouth and tachycardia). Maintain atropinisation by repeated doses for 2 to 12 hours, or longer, depending on the severity of poisoning.

De-activation of PLATOON 100 SL solutions:

After use, add 2.5 kg of sodium carbonate per 100 litres **PLATOON® 100 SL** spray mixture still in the tank, to deactivate excess **Oxamyl**.

RESISTANCE WARNING

PLATOON® 100 SL is a group code 1A insecticide. Any insect population may contain individuals naturally resistant to **PLATOON® 100 SL** and other group code 1A insecticides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly. **PLATOON® 100 SL** or any other group code 1A insecticide may not control these resistant insects.

To delay insecticide resistance:

- avoid exclusive repeated use of insecticides from the same insecticide group code. Alternate or tank mix with products from different insecticide group codes,
- integrate other control methods (chemical, cultural, biological) into insect control programmes.

For specific information on resistance management contact the registration holder of this product.

USE RESTRICTIONS

- **Nematodes controlled excludes *Meloidogyne chitwoodi* and *M. fallax*.**

DIRECTIONS FOR USE: Use only as directed.

- Optimal efficacy of **PLATOON® 100 SL** will be obtained using dilution water with a pH of 5 to 6. Water with a pH higher than 7, should be buffered to pH 5 to 6. Use one of the following adjuvants **Commodobuff**, **Aquabuff** or **Pazbuff** or **Reverbuff** at the registered rate, to adjust the pH of the water. A buffer must be mixed with the water before the **PLATOON® 100 SL** is added. **Do not** add any other adjuvant types to the **PLATOON® 100 SL** spray mixture.
- Optimal systemic activity of **PLATOON® 100 SL** depends on translocation of the active ingredients inside the treated plant. Reduced efficacy might occur when stress factors such as drought impairs translocation.

APPLICATION RATES

Crop / Pest	Dosage	Remarks
<u>Groundnuts</u> Peanut pod nematode (<i>Ditylenchus africanus</i>)	3.72 l / 100 l water (372 ml / 10 l water)	Apply as a foliar treatment at commencement of peg formation, (with Sellie approximately 60 days after planting), in at least 250 litres of spray mixture per hectare. Ensure thorough wetting of the foliage.

Crop / Pest	Dosage rate	Remarks
<p>Potatoes</p> <p>Nematodes (excluding <i>Meloidogyne chitwoodi</i> & <i>M. fallax</i>)</p> <p>Suppression of Aphids</p>	<ul style="list-style-type: none"> • PLATOON® 100 SL is applied as follow-up foliar treatment after crop emergence after an initial application of Mocap 200 EC at planting as part of a Nematode control programme in potatoes. • Where the PLATOON® 100 SL and Mocap 200 EC programme is intended for application on seed potatoes, or where potato crops are subjected to very high Root knot nematode infestation pressures, and in potato production areas listed below under “Important notes regarding Root-knot Nematode control in Potatoes”, the soil must be fumigated pre-plant with a registered soil fumigant for Nematode control (as indicated on the label of the fumigant) before implementation of the PLATOON® 100 SL and Mocap 200 EC Nematode management programme. • This spray programme will also suppress Aphids. • Refer to the Mocap 200 EC label for WARNINGS, PRECAUTIONS, USE RESTRICTIONS and DIRECTIONS FOR USE. 	<p>Low nematode infestation: Mocap 200 EC 26.3 ℓ / ha (132 ml / 10 ℓ water)</p> <p>High nematode infestation: Mocap 200 EC 37.5 ℓ / ha (188 ml / 10 ℓ water)</p> <p>At planting: Apply Mocap 200 EC as a broadcast treatment onto moist soil before planting or before ridging of the rows. Incorporate the chemical into the soil up to a depth of 15 to 25 cm. Start planting the tubers as soon as possible – not later than 7-days after application.</p> <p>PLATOON® 100 SL foliar applications: Apply first treatment in 250 litres water per hectare one (1) week after crop emergence. Follow with a second treatment four (4) weeks later at a total volume rate of 600 litres spray mixture per hectare. Repeat with third treatment at the same volume rate four (4) weeks after second treatment.</p>
<p>Important notes regarding to Root knot Nematode control in Potatoes:</p> <ol style="list-style-type: none"> 1. The efficacy of nematicides is strongly influenced by factors beyond the Registration Holder’s control (e.g. ineffective and/or to shallow fumigation of the soil prior to planting, soil type such very sandy, light soils that leaches easily, high soil pH, or stress conditions (e.g. drought) on the crop). Some degree of Root knot nematode damage in potatoes must be expected under above-mentioned conditions, or when Nematode infested seed tubers are planted. 2. The soil must be fumigated prior to planting and application of the Phoscap 200 EC plus PLATOON® 100 SL programme for potato plantings in the following areas: Northern Cape and North West Provinces (Prieska, Hopetown, Douglas, P.K. le Roux Dam irrigation areas, Vaalharts irrigation area, Barkly West, Christiana, Vryburg, Coetzersdam and Tosca). 3. If potatoes tubers are left in the soil for periods longer than 30-days after the final PLATOON 100 SL application, serious tuber damage may occur due to re-infestation of Root knot nematodes. This is due to insufficient PLATOON® 100 SL residue levels in the soil or roots at this stage. 4. If excessively high Root knot nematode levels are present in the soil due to a combination of above mentioned factors, and/or when adverse agronomy practices are followed (e.g. the continuous planting of Nematode susceptible crops on the same fields), severe losses due to Root knot nematode damage may occur despite implementation of the chemical control programme recommended above. 		

Crop / Pest	Dosage rate	Remarks
Tomatoes Root- knot nematodes	Seedbed* 124 ml / 100 l water (12 ml / 10 l water)	Fumigate the soil with a registered fumigant before planting. Implement the full programme, to ensure effective protection against Nematode infestations. Drench seedbeds with 2 litres of the spray mixture per m ² of the seedbed surface, for 48 to 24 hours, prior to transplanting.
	Seed trays* 124 ml / 100 l water (12 ml / 10 l water)	Spray seedling trays with 0.5 litres of the spray mixture per m ² of the total seed tray surface, 48 to 24 hours prior to transplanting.
	Foliar application 2.48 l / 100 l water (248 ml / 10 l water)	After transplanting: Apply 250 litres of spray mixture per hectare as a foliar treatment, two (2) weeks after transplanting. Repeat after three (3) weeks with 500 litres spray mixture per hectare.
* Soil of seedbeds or seed trays must be fumigated with a registered fumigant as usual, against Nematodes, prior to sowing.		

Consult all products labels mentioned in this label for **WARNINGS, PRECAUTIONS, USE RESTRICTIONS** and **DIRECTIONS FOR USE**.

The following products mentioned in this label may be replaced with equivalent products:

- **COMMODOBUFF** (L 5390 / N-AR 1107) = **AQUABUFF** (L 5451 / W 130060) = **PAZBUFF** (L 5385) = **REVERBUFF** (L 3008) and
- **MOCAP® 200 EC** (L pending) = **PHOSCAP 200 EC** (L pending)

PLATOON® is a registered trademark of / is 'n geregistreerde handelsmerk van
VILLA CROP PROTECTION (PTY) LTD.

AQUABUFF, REVERBUFF, COMMODOBUFF and/en **MOCAP® 200 EC** are registered products of / is
geregistreerde produkte van
VILLA CROP PROTECTION (PTY) LTD.

PAZBUFF and/en **PHOSCAP 200 EC** are registered products of / is geregistreerde produkte van
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MOCAP® 200 EC is a registered trademark of / is 'n geregistreerde handelsmerk van
AMVAC CHEMICAL CORPORATION USA.