

ROSE GUARD

Reg. No.: L10840 Act No. 36 of 1947

An emulsifiable concentrate contact insecticide for the control of aphids, red spider mites as well as a contact and systemic fungicide for the control of black spot, powdery mildew and rust on roses and ornamentals.

IRAC INSECTICIDE GROUP CODE:	3, C, H
FRAC FUNGICIDE GROUP CODES:	

REGISTRATION HOLDER:

UPL South Africa (Pty) Ltd
Co. Reg. No.: 2009/019713/07
7 Sunbury Office Park,
Off Douglas Saunders Drive, La Lucia
Ridge, South Africa, 4019
Tel: (031) 514 5600

ACTIVE INGREDIENTS:

Bifenthrin (pyrethroid) 10 g/ℓ
Bupirimate (pyrimidine) 75 g/ℓ
Propiconazole (triazole) 25 g/ℓ

DISTRIBUTOR:

PROTEK, a division of
PE-BEE AGRI (Pty) Ltd
Reg. No.: 2005/036308/07
P.O. Box 72, Heidelberg, 1438
Tel: (011) 812 9800 or
0861 PROTEK (0861 77 68 35)
www.protek.co.za

EMERGENCY NO.: 082 446 8946

UN No.: 1993



WARNINGS:

H226 - Flammable liquid and vapour. H332- Harmful if inhaled
H303- May be harmful if swallowed.
H313- May be harmful in contact with skin. H316 - Causes mild skin irritation.
H320 - Causes eye irritation.
H317- May cause an allergic skin reaction.
H335 + H336 - May cause respiratory irritation or May cause drowsiness or dizziness.
H372 - Causes damage to organs (nervous system) through prolonged or repeated exposure.
H360- May damage fertility or the unborn child.
H351 - Suspected of causing cancer.
H304 - May be fatal if swallowed and enters airways.
H400 - Very toxic to aquatic life.
H410 - Very toxic to aquatic life with long lasting effects.

- Do not use on edible crops.
- Do not use in the presence of persons with known sensitivity to pyrethroids. In the case of signs of sensitivity obtain medical advice.
- Harmful if ingested, absorbed by the skin or inhaled.
- Irritating to skin and eyes.
- Harmful to bees.
- Very toxic to aquatic organisms. May cause long term effect on aquatic environment.
- Store in a cool, dry place away from food or feed.
- Keep out of reach of children, uninformed persons and animals.

PRECAUTIONS:

P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 - Keep container tightly closed.
P240 - Ground and bond container and receiving equipment.
P241 - Use explosion-proof electrical/ventilating/lighting equipment.
P260 - Do not breathe fume, mist, vapours, spray.
P264 - Wash hands, forearms and face thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P273 - Avoid release to the environment.
P280 - Wear protective clothing, eye protection, face protection, protective gloves.
P301+P310 - IF SWALLOWED: Immediately call a doctor, a POISON CENTER.
P302+P352 - IF ON SKIN: Wash with plenty of water.
P304+P340 - IF INHALED: Remove person to fresh air and keep 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.
P308+P313 - IF exposed or concerned: Get medical advice/attention.
P321 - Specific treatment (see supplemental first aid instruction on this label).
P330 - Rinse mouth.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P370+P378 - In case of fire: Use media other than water to extinguish.
P391 - Collect spillage.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.
P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

- Do not inhale spray mist and vapour.
- Avoid contact with the skin and eyes.
- Wear protective rubber gloves, rubber boots and a face mask when handling the product and preparing the spray mixture.
- Wash with soap and water after use and accidental skin contact.
- Wash contaminated clothing after use.
- Do not eat, drink or smoke while mixing, applying or before washing hands and face or changing clothing.
- Avoid drift onto other crops, grazing, rivers, dams or areas not under treatment or to nearby water sources.
- Wash application equipment thoroughly after use. Dispose of wash water in a safe manner and do not contaminate crops, grazing, rivers, dams, boreholes, fountains, etc.

- 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 rinsing to the contents of the spray tank before destroying the container in the prescribed manner.
- Destroy empty container by perforation and flattening and dispose of it in a safe way.
- Never re-use the empty container for any other purpose.
- Prevent contamination of food, feeds, drinking water and eating utensils.

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 pest and/or disease 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 crop, 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.

RELEVANT SUBSTANCES:

Bifenthrin.....(0.5 – 2.5) %
Bupirimate (Technical).....(5 – 10) %
Propiconazole (Technical).....(1 – 5) %
Surfactant Blend AGL.....(1 – 5) %
Surfactant Blend 7717.....(1 – 5) %
Aromatic Solvent (Fluidar 150)..(50 – 80) %

RESISTANCE WARNING:

For resistance management, ROSE GUARD is a group code 3 insecticide and group codes C and H fungicide. Any population of a specific insect or fungus may contain individuals which may have a natural resistance to this product or any other group code 3 insecticides or group codes C and H fungicides. If these insecticides and fungicides are used repeatedly and exclusively resistant individuals eventually dominate the insect and fungus populations. These resistant insects and fungi will not be controlled by this product or any other group code 3 insecticide and group codes C and H fungicide.

To delay resistance development:

- Avoid exclusive repeated use of insecticides and fungicides from the same group code. Alternate with products from different group codes.
- Integrate the control methods (chemical, cultural, biological) into control programmes.

FIRST AID TREATMENT:

Inhalation: Remove patient from exposure to fresh air, keep warm and at rest. Obtain medical attention.

Skin contact: Wash contaminated skin with cold water followed by soap and water.

Eye contact: Irrigate with eye wash solution or clean water for at least 15 minutes. Get medical attention, if irritation persists.

Ingestion: Do not induce vomiting. Put the patient in a half up-right position and give plenty of water. Never give anything by mouth to an unconscious person.

Get medical help.

Note to physician:

No antidote known. Symptomatic and supportive therapy as indicated.

DIRECTIONS FOR USE: Use only as directed:

MIXING AND APPLICATION:

Shake the container well before use. Use 4 mℓ ROSE GUARD for each litre of water. Half fill the sprayer with water, add the required volume of ROSE GUARD and shake well. Fill the sprayer with the required volume of water and shake well. ROSE GUARD can be applied by means of any suitable hand held or knapsack sprayer with a lance and a single nozzle. Ensure thorough wetting of all plant parts to the point of run off. Repeat applications every 7-10 days as long as insects or diseases are noticed. If insects and diseases are already present at time of application repeat sprays at least 3 times with 7 day intervals.

CROP	INSECT/DISEASE	DOSAGE RATE
ROSES and ORNAMENTALS	Aphids, Red spider mite, Black spot, Powdery mildew & Rust	4ml ROSE GUARD per 1 litre water.