



SHARDA DIFLUBENZURON 250 WP

Reg. No. L 9413, Act No. 36 of 1947 | Reg. Nr. L 9413, Wet Nr. 36 van 1947

Read the label before use
Keep out of reach of children and animals

An insect larvicide for the control of fungus flies and gnats in mushroom cultivation, flies in poultry manure and mosquito larvae in their breeding sites.

Warning

Hazard Statement

May be harmful if swallowed.
May be harmful in contact with skin.
Causes skin irritation.
Causes serious eye irritation.
Very toxic to aquatic life.

Precautionary Statements

Wash thoroughly after handling.
Avoid release to the environment.

INSECTICIDE GROUP CODE A15

ACTIVE INGREDIENT

Diflubenzuron (benzoylurea) - 250 g/kg

Registered by | Geregistreer deur

Sharda International Africa (PTY) LTD

Reg. No./Reg. Nr. 2010/002268/07

P. O. Box/Posbus 82021, Southdale, 2135

Tel: 031-764 3011

UN No. 3077

'n Insek larfdoder vir die beheer van swamvlieë en muggies in sampioenverbouing, vlieë in pluimveemis en muskietlarwes in hulle broeiplekke.



INSEKDODERGROEPKODE A15

AKTIEWE BESTANDDEEL

Diflubenzuron (bensoielureum) - 250 g/kg

BATCH NO. LOT NR.	
EXPIRY DATE VERVAL DATUM	

CONTENTS /
INHOUD

20Kg

National Poison help line/emergency contact number: 086 155 5171

WARNINGS

- May be harmful if swallowed.
- May be harmful in contact with skin.
- Causes skin irritation.
- Causes serious eye irritation.
- Very toxic to aquatic life.
- Keep out of reach of children, uninformed persons and animals.
- Store under lock and key away from food and feed.
- Re-entry interval: Do not enter the treated area until the spray deposit has dried unless wearing protective clothing.

Although this insecticide 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 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

- Wash thoroughly after handling.
- Avoid release to the environment.
- Wear protective gloves/protective clothing/eye protection/face protection.
- IF SWALLOWED: Get medical help.
- IF ON SKIN: Get medical help.
- IF ON SKIN: Wash with plenty of soap and water.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Collect spillage.
- Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean container which can be disposed of as non-hazardous waste.
- Avoid inhalation of dust when mixing and mist when spraying.
- Avoid eye contact and excessive skin contact.
- Do not eat, drink or smoke while mixing, applying or before washing hands and face.
- Prevent contamination of food, feed, eating utensils and drinking water.
- Prevent spray drift onto other crops, grazing, water bodies and areas not under treatment.
- Rinse the empty container three times with a volume of water equal to at least one tenth of that of the container and add the rinsing water to the contents of the spray tank before disposing of the container in the prescribed manner.
- Destroy the empty container by perforation and flattening and do not use for any other purpose.
- Clean the applicator after use and dispose of wash water where it will not contaminate crops, grazing or water bodies.

RELEVANT SUBSTANCES:

Component	%
Diflubenzuron	< 25
Alkyl aryl sulfonate salt	< 20
Residues (petroleum), catalytic reformer fractionator, sulfonated, polymers with formaldehyde, sodium salts	< 10

DIRECTIONS FOR USE**Use only as directed**

Mixing Instructions: Mix the required amount of Sharda Diflubenzuron 250 WP in 2 to 5 ℓ water; fill the spray tank with clean water and add the Sharda Diflubenzuron 250 WP slurry to the water in the spray tank. Agitate the mixture in the spray tank continuously while spraying.

APPLICATION INSTRUCTIONS**MUSHROOM GROWING**

Sharda Diflubenzuron 250 WP will have no effect on adult flies in the mushroom house. It is therefore important to apply a registered insecticide space spray before the application of Sharda Diflubenzuron 250 WP. Apply Sharda Diflubenzuron 250 WP immediately after casing and disinfection. Apply once only as an even spray deposit on the casing layer.

POULTRY MANURE

Apply as a full cover spray to poultry manure at 7 day intervals.

MOSQUITOES

Dilute the required quantity of Sharda Diflubenzuron 250 WP in the volume of water required to give complete even droplet cover of the target area depending on the spray equipment used.

High or low volume spray equipment can be used.

If Ultra Low Volume (ULV) spraying is used, a non-phytotoxic crop oil should be added to the spray solution at the ratio of 2 parts water to 1 part oil and applied at 3.0ℓ solution /ha.

Application should commence once the 1st and 2nd instar mosquito larvae are present in the water body. Regular scouting should be done and Sharda Diflubenzuron 250 WP re-applied when young larvae are again present. Sharda Diflubenzuron 250 WP will dissipate and re-application is necessary.

MUSHROOMS	DOSAGE	REMARKS
Fungus gnat larvae <i>Lycoridae, Phoridae, Sciaridae</i> species	400 g per 100 m ² in 100-150 ℓ water	Apply after casing and disinfection. Ensure an even spray distribution on the casing.
POULTRY MANURE		
Fly larvae (maggots)	60 g in 10 ℓ water	Apply 1.0 ℓ spray solution per 2 m ² and repeat at weekly intervals.
MOSQUITOES		
Mosquito larvae <i>Aedes, Anopheles</i> and <i>Culex</i> species	Clear surface water: 100-200 g per ha Polluted surface water: 200-400 g per ha	Apply when mosquito larvae are small (1st and 2nd instar). Scout regularly and re-apply when small larvae re-appear.