

BEFORE USING THIS PRODUCT, READ THE LABEL CAREFULLY. KEEP OUT OF REACH OF CHILDREN AND ANIMALS. SHAKE THE BOTTLE WELL BEFORE USE

REFER TO DETAILS AS PRINTED ON CONTAINER / BAG

Insecticide

# CURATOR ULV READY TO USE



Reg. No. L 10865 Act No. 36 of 1947  
N-AR 2188

3: 21/1/2023 - March 2023

A contact ultra-low volume spray for the control of certain flying and crawling insects as listed in warehouses, including tobacco warehouses, storage areas and food processing plants.

## ACTIVE INGREDIENT

permethrin (pyrethroid)

50 g/l

GROUP

3A

INSECTICIDE



### Hazard Statements:

May be fatal if swallowed and enters airways.

May cause an allergic skin reaction.

Very toxic to aquatic life with long lasting effects.

### Precautionary Statements:

Avoid release to the environment.

Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles

**DANGER**



**villa**  
PUBLIC HEALTH

UN Number: 3082

Registration holder: VILLA CROP PROTECTION (PTY) LTD.

Co. Reg. No. 1992/002474/07

PO Box 10413, Aston Manor, 1630

Tel. (011) 396 2233

Website: [www.villacrop.co.za](http://www.villacrop.co.za)

### 24 HR EMERGENCY NUMBERS:

Griffon Poison Centre: +27 82 446 8946

24 HR Transport / Spill Emergency no: (Hazcall24) +27 86 044 4411

(Client: Villa Crop Protection)

DIRECTIONS FOR USE ENCLOSED

Batch Number:

Date of Manufacture:

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**WARNINGS****Hazard statements:**

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

- Only to be used by trained personnel.
- Handle with care.
- Do not use in grain mills, silos, stores, factories or warehouses containing **unsealed edible** commodities, and do not apply directly onto these commodities. Cover any food, or feed and food preparation equipment and surfaces, and do not remove covers until three (3) hours after treatment.
- Keep out of reach of children, uninformed persons and animals.
- Store away from food or foodstuff.
- Switch off all electrical appliances during application.
- Do not treat exposed tobacco. Tobacco must be sealed or baled.

THE DIRECTIONS FOR USE OF THIS PRODUCT MUST BE FOLLOWED CAREFULLY. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. INJURY, INEFFECTIVENESS OR OTHER UNINTENDED CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS MANNER OF USE OR APPLICATION, WEATHER, PRESENCE OF OTHER MATERIALS OR OTHER INFLUENCING FACTORS IN THE USE OF THE PRODUCT, WHICH ARE BEYOND THE CONTROL OF VILLA CROP PROTECTION (PTY) LTD. OR THE SELLER/DISTRIBUTOR. TO THE EXTENT PERMITTED BY APPLICABLE LAW, BUYER AND USER AGREE TO HOLD VILLA CROP PROTECTION AND SELLER ACQUITTED FOR ANY CLAIMS RELATING TO SUCH FACTORS.

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. The action and effect thereof may be affected by factors such as storage conditions, the occurrence of resistance of the pests 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 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****Precautionary statements:**

Avoid breathing fumes, mists, vapours or spray.
Contaminated work clothing should not be allowed out of the workplace.
Avoid release into the environment.
Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles.
IF SWALLOWED: Get emergency medical help immediately.
IF ON SKIN: Wash with plenty of water and non-abrasive soap.
Do NOT induce vomiting.
If skin irritation or rash occurs: Get medical help.

Collect spillage.
Store locked up.
Dispose of content/container to suitable landfill in accordance with local regulations.

- Prevent contamination of food, feed, drinking water and eating utensils.
- Do not eat, drink or smoke during application.
- Do not use in the presence of persons with a known sensitivity to pyrethroid insecticides.
- In the case of suspected signs of sensitivity, obtain medical advice.
- In case of poisoning call a doctor immediately and make this label available to him.
- **TRIPLE RINSE THE EMPTY CONTAINER AS FOLLOWS:** Invert the empty container over the spray or mixing tank and drain for at least 30 seconds after the flow has slowed down to dripping. Thereafter rinse the empty container three (3) times in succession with one quarter of the container volume fresh water and decant the rinsate into the spray or mixing tank. Puncture the triple rinsed container and dispose of via an approved collector or recycler ([www.croplife.co.za](http://www.croplife.co.za)). Do not bury, burn or donate the container to any other parties that may use it as a container for food or beverages.
- **Re-entry:** Do not enter treated area within 1 hour after treatment unless wearing protective clothing.

Relevant hazardous components	
Permethrin	50 g/ℓ
Aliphatic hydrocarbon	<800 g/ℓ

### FIRST AID MEASURES

- **General advice:** Remove the victim from the area of exposure. Wash off remaining material with plenty of water. In the event of any complaints or symptoms, avoid further exposure.
- **Inhalation:** Remove person from contaminated area to fresh air and assist breathing as needed. Get medical help if irritation occurs.
- **Skin:** Remove contaminated clothing and shoes. Gently wipe off excess chemical. Wash skin gently and thoroughly with water and non-abrasive soap. **Obtain medical attention if irritation or rash occurs.**
- **Eyes:** Flush eyes with clean water for at least 15 to 20 minutes. Lift eyelids to facilitate irrigation. If present, remove contact lenses after five (5) minutes and continue rinsing. Obtain medical attention if irritation persists.
- **Ingestion:** **Get emergency medical help immediately** or call a poison control centre for treatment advice. **Do not induce vomiting.** Do not give anything by mouth to an unconscious person. If the person is alert, rinse mouth thoroughly with water.
- **Advice to physician:** Treat symptomatically and supportively. No specific antidote known.

### RESISTANCE WARNING

**CURATOR ULV** is a group code 3A insecticide. Any insect population may contain individuals naturally resistant to **CURATOR ULV** and other group code 3A insecticides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly. These resistant insects may not be controlled by **CURATOR ULV** or any other group code 3A insecticide.

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.

### MODE OF ACTION

Non-systemic insecticide active by contact and ingestion. Rapid knockdown and slight repellent. Modulation of voltage-gated sodium channels, preventing the channels from closing and resulting in hyperexcitation.

### DIRECTIONS FOR USE: Use only as directed.

- If the directions are followed **CURATOR ULV** will not taint the tobacco.
- **CURATOR ULV** should be applied with a suitable ULV sprayer. Follow the instructions in the use of such machines.
- **CURATOR ULV** is ready-to-use and should **NOT** be diluted before application.
- **NOT** suitable to use with normal hand or knapsack sprayers and in misting, cold as well as thermal fogging machines.
- This product will not produce an oily film that accumulates after regular applications.

**APPLICATION RATES**

<i>Situation / Pest</i>	<i>Dosage</i>	<i>Remarks</i>
<b><u>Flying Insects</u></b> Tropical warehouse moth, Mediterranean flour moth, Dried fruit moth, Indian meal moth, House and Blow flies, Mosquitoes	50 ml / 1000 m <sup>3</sup>	Close all windows and doors. It is best to apply in the evening and leave the premises closed overnight. <b>During peak insect season best results            will be obtained with daily treatments.</b>
<b><u>Crawling insects</u></b> German and American cockroach, Lesser and Larger grain borer, Maize weevil, Rust-red flour beetle, Saw-toothed grain beetle, Granary weevil and Rice weevil	100 ml / 1000 m <sup>3</sup>	Close all windows and doors before treatment. Treat in the evenings and leave premises closed overnight. <b>Treat twice weekly.</b> The treatment will only control insects that are exposed and assist in the prevention of re-infestation of the premises.
<b><u>Tobacco warehouses</u></b> Tobacco beetle and Tobacco moth	185 ml / 1000 m <sup>3</sup>	Ensure that tobacco entering the warehouse or already in the warehouse has been fumigated or is insect free. <b>Treat the warehouse at 3 to 4-day            intervals.</b> ULV mist should be evenly distributed throughout the warehouse.