

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



Adjuvant

CHARGE

Reg. No. L 9100 Act No. 36 of 1947
W 130953 / N-AR 2241

4: 24/1/2023 – Jan2023

A non-ionic adjuvant with spreading and penetrating properties recommended for the use with pesticides and plant nutrients.

ACTIVE INGREDIENT

polyether-polymethyl siloxane-copolymer 1000 g/l

GROUP

ADJUVANT



WARNING

Hazard Statements:

May be harmful if swallowed or in contact with skin.
Causes eye irritation.
Harmful if inhaled.
Toxic to aquatic life with long lasting effects.

Precautionary Statements:

Avoid release to the environment.
Use only outdoors or in a well-ventilated area.



villa 

UN Number: 3082

Registration holder: VILLA CROP PROTECTION (PTY) LTD.

Co. Reg. No. 1992/002474/07

P.O. Box 10413, Aston Manor, 1630

Tel. (011) 396 2233

Website: 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)

REFER TO DETAILS AS PRINTED ON CONTAINER / BAG

DIRECTIONS FOR USE ENCLOSED

Batch Number:

Date of Manufacture:

CHARGE

Reg. No. L 9100 Act No. 36 of 1947
W 130953 / N-AR 2241

ACTIVE INGREDIENTS:

polyether-polymethyl siloxane-copolymer..... 1000 g/l

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WARNINGS**Hazard statements:**

May be harmful if swallowed or in contact with skin.
Causes eye irritation.
Harmful if inhaled.
Toxic to aquatic life with long lasting effects.

- Treat **CHARGE** with care.
- Keep out of reach of children, uninformed persons and animals.
- Store under lock and key in a cool, dry place away from food and feedstuffs.
- Re-entry: Do not enter treated area within one (1) day after treatment unless wearing protective clothing.
- **In case of poisoning call a physician 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, 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**Precautionary statements:**

Avoid breathing dust, fume, gas, mists, vapours, or spray.
Wash hands thoroughly after handling. Do not touch eyes.
Use only outdoors or in a well-ventilated area.
Avoid release to the environment.
IF SWALLOWED: Get medical help.
IF ON SKIN: Get medical help.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical help.
Collect spillage.
Dispose of content/container to suitable landfill in accordance with local regulations.

- Consult the label of the product of concern that **CHARGE** is to be used with. All the “**WARNINGS**” of the product that **CHARGE** is to be used with, is applicable and must be followed.
- Read the labels of concern carefully before the products are applied as a tank mixture.
- Wear protective clothing: eye protection, overall, rubber boots and rubber hand gloves when the product is applied.
- Avoid drift of spray onto other crops, grazing, rivers, dams and areas not under treatment.
- Clean the applicator before using it for other remedies. Dispose of wash water where it will not contaminate food, grazing, rivers or dams.

- **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 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). Do not bury, burn, or donate the container to any other parties that may use it as a container for food or beverages.
- Do not eat, drink or smoke whilst mixing, applying the product or before washing hands and face or change of clothing.
- Avoid contamination of food, feeds, drinking water and eating utensils.

Relevant hazardous components	
Polyether-polymethyl siloxane-copolymer	100 %

FIRST AID TREATMENT

- **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. Immediately consult a doctor.
- **Inhalation:** Remove person from contaminated area to fresh air and assist breathing as needed. Seek medical attention if irritation occurs. Seek medical attention 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.**
- **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. Seek medical attention if irritation persists.
- **Ingestion:** **Seek medical attention** or call a poison control centre for treatment advice. Do not induce vomiting unless instructed to do so by a poison control centre or doctor. 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.

DIRECTIONS FOR USE: Use only as directed.

Product Information:

CHARGE is based on organo-modified siloxane technology for use with agro-chemicals. **CHARGE** is a highly effective non-ionic surfactant / spreader / wetter / penetrant. Careful observation of spray application is recommended to determine proper and efficient pesticide application. This will optimize the pesticide and surfactant load levels. Read **WARNING** statements carefully before use.

Pesticide manufacturers may recommend a rate of non-ionic surfactant to be used with their product. Follow the pesticide label recommendations on the use of the surfactant. However, if the product label does not have a specific surfactant rate recommendation, **CHARGE** is recommended at the dosage rates indicated in the Application Rates table.

Mixing Instructions:

- Fill the spray tank 2/3 to 3/4 full of water. Commence agitation.
- If foaming is anticipated add an anti-foaming agent before the agrochemical and **CHARGE**.
- Add the recommended quantity of product to the spray tank while agitating.
- Then add **CHARGE** and fill the spray tank with water to the required level, while maintaining agitation, to ensure thorough mixing before spraying.
- Maintain agitation during the spraying process.

APPLICATION RATES

Product & Crop	Dosage Rate	Remarks
Herbicides	150 to 200 ml / ha OR 0.025 % to 0.1 %	Consult the product label for the full details regarding “ WARNINGS ” and “ DIRECTIONS FOR USE ”. Use the recommended area dosage irrespective of water volume. The higher rate is used for “difficult to wet” weeds.

Product & Crop	Dosage Rate	Remarks
<u>Insecticides and Fungicides</u> Row crops including all cereal crops and sugarcane	100 to 250 ml / ha OR 0.025 % to 0.1%	Use the recommended area dosage irrespective of water volume UNLESS otherwise specified per product label.
<u>Tree crops</u> Pome fruit, Stone fruit, Nuts, Olives, Vines	250 ml / ha	Use the recommended dosage irrespective of water volume. Adjust concentration according to water volume used.
Sub-tropical fruit	250 ml / ha	Use the recommended dosage irrespective of water volume. Adjust concentration according to water volume used.
Citrus	3 to 5 ml / 100 l (with a maximum of 500 ml / ha)	Adjust concentration according to water volume used.
Horticultural crops and Ornamentals	250 ml / ha	Use the recommended dosage irrespective of water volume. Adjust concentration according to water volume used.
<u>Plant Growth Regulators</u>	25 to 50 ml / 100 l	Avoid run-off of spray. Do not exceed a maximum of 500 ml CHARGE per hectare. Consult specific product labels for specific RECOMMENDATIONS .
<u>Defoliant</u>	100 to 200 ml / ha	Use the recommended dosage irrespective of water volume.
<u>Foliar Applied Micronutrients</u> Row crops including all cereal crops and sugarcane	100 to 200 ml / ha OR 0.025 % to 0.1 %	Use the recommended area dosage irrespective of water volume UNLESS otherwise specified per product label.
<u>Tree crops</u> Pome fruit, Stone fruit, Nuts, Olives, Vines	250 ml / ha	Use the recommended dosage irrespective of water volume. Adjust concentration according to water volume used.
Sub-tropical fruit	250 ml / ha	Use the recommended dosage irrespective of water volume. Adjust concentration according to water volume used.
Citrus	3 to 5 ml / 100 l (with a maximum of 500 ml / ha)	Adjust concentration according to water volume used.
Horticultural crops and Ornamentals	250 ml / ha	Adjust concentration according to water volume used.
<u>Calcium Nitrate sprays for Bitter pit control on Apples</u> Use Calcium Nitrate in its granular or liquid form	100 ml / ha	Use the recommended dosage irrespective of water volume. Adjust concentration according to water volume used.
<u>Golf & Turf</u> As a soil wetting agent	1 to 1.5 l / ha	Apply prior to irrigation either with a boom sprayer or through the irrigation system. Repeat at 14-day intervals.
Spot treatment of hydrophobic areas	30 ml / 100 m ²	Irrigate immediately after application.