

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

Adjuvant



# COMMODOBUFF

Reg. No. L 5390 Act No. 36 of 1947  
N-AR 1107

6: 31/10/2022 – Nov2022

A buffering agent for the correction of the water pH in alkaline or very acidic spray mixtures of pesticides.

## ACTIVE INGREDIENTS

organic acid and alkali

660 g/l

GROUP

ADJUVANT



**DANGER**

### Hazard Statements:

May be corrosive to metals.  
Harmful if swallowed.  
May be harmful in contact with skin.  
Causes severe skin burns and eye damage.  
May cause respiratory irritation.  
Toxic to aquatic life.

### Precautionary Statements:

Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles.  
Avoid release into the environment.



**villa** 

UN Number: 2790

Registration holder: UNIVERSAL CROP PROTECTION (PTY) LTD.  
Co. Reg. No. 1983/008184/07  
PO Box 801, Kempton Park, 1620  
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)

REFER TO DETAILS AS PRINTED ON CONTAINER / BAG

DIRECTIONS FOR USE ENCLOSED

Batch Number:

Date of Manufacture:

**COMMODOBUFF**

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

May be corrosive to metals.
Harmful if swallowed.
May be harmful in contact with skin.
Causes severe skin burns and eye damage.
May cause respiratory irritation.
Toxic to aquatic life.

- Observe all warnings that apply to the product(s) with which **COMMODOBUFF** is to be used.
- Store in a cool, dry, well-ventilated place 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 until spray deposit has dried unless wearing protective clothing.

**Although this remedy has been extensively tested under a wide variety of conditions, the registration holder does not warrant that it will be efficacious, because the action and effect thereof may be affected by factors such as abnormal soil, 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 for any reason whatsoever or for lack of performance of the remedy concerned, due to failure of the user to follow the 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:**

Keep only in original packaging.
Do not breathe fumes, vapours, spray or mist.
Wash hands and face thoroughly after handling.
Do not eat, drink or smoke when using this product.
Use only outdoors in a well-ventilated area.
Avoid release into the environment.
Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get medical help.
IF ON SKIN: Take off immediately all contaminated clothing. Immediately rinse with water for several minutes. Get medical help.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF IN EYES: Get emergency medical help immediately.
Get medical help if you feel unwell.
Wash contaminated clothing before use.
Absorb spillage to prevent material-damage.
Store in a well-ventilated place. Keep container tightly closed.
Store locked up.
Store in a corrosion resistant container/container with resistant lining.
Dispose of contents/container in accordance with local regulations.

- Observe all precautions that apply to the product(s) with which **COMMODOBUFF** is to be used.
- Clean spraying equipment directly after use and dispose of wash water where it will not contaminate food, grazing, boreholes, 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](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.
- Prevent contamination of food, feeds, drinking water and eating utensils.

<b>Relevant hazardous components</b>	
<b>Acetic acid</b>	52 %
<b>Ammonium hydroxide</b>	16 %

### **FIRST AID TREATMENT**

- 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.
- **Inhaled:** Remove person from contaminated area to fresh air and assist breathing as needed. Seek medical attention if irritation persists.
- **Skin contact:** Remove contaminated clothing and shoes. Flood area with cool water for at least 20 minutes or until help arrives. Make sure water doesn't flow onto another part of the person's body. Don't try to neutralize the burn with acid or alkali. This could cause a chemical reaction that worsens the burn. **Obtain medical attention immediately.**
- **Eye contact:** 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 immediately.**
- **Swallowed: Do not induce vomiting.** Never give anything by mouth to an unconscious person. **Obtain medical attention immediately.** Qualified medical personnel should perform administration of oxygen. If the person is alert, rinse mouth thoroughly with water and give person large volumes of water or milk to drink. When vomiting occurs, keep head lower than hips to prevent aspiration.

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

- The pH of the water influences the stability of pesticides. High pH values can cause "alkaline hydrolysis". This means that a measurable amount of certain pesticides can decompose to an inactive form.
- For most pesticides the optimum pH range is 4 to 6 (slightly acidic).
- Alkaline water often causes chemicals to coagulate. **COMMODOBUFF** ensures that the pH of the tank mix is between pH 4.0 and 6.0 (typically 4.5 to 5.5), irrespective of whether the water used is alkaline or acidic.
- Unlike adding acids to correct alkaline waters, there is no danger of very low pH values occurring, if an overdose of **COMMODOBUFF** is administered.

### **COMPATIBILITY**

The acidifying of water for use with certain copper and lime sprays (e.g., lime sulphur), is **not** recommended. Mix **COMMODOBUFF** with the water before adding chemicals.

### **RECOMMENDED RATE OF APPLICATION**

0.5 to 1.0 litre **COMMODOBUFF** per 1000 litres water. Use the higher rate in exceptional conditions, where water is known to be difficult to buffer.

### **NOTE**

If a water analysis is available that indicates either the bicarbonate or alkalinity level of the water, a **Villa Crop Protection** representative can be contacted to calculate a precise rate of **COMMODOBUFF**. **This calculated amount may be outside the above recommended range, depending on the quality of spray water.**