

DIRECTIONS FOR USE:

The pH and hardness of spray solutions may have a marked effect on the ultimate performance of systemic and alkaline-sensitive pesticides and foliar applied nutrients. Such pesticides and foliar nutrients generally perform best at a pH ranging from 4.5 – 5.5. BB5 can be used to adjust spraywater to the required pH. BB5 contains a pH sensitive indicator which changes the colour of spray water to either a shade of pink or red when the optimum pH range of 4.5 – 5.5 is reached. Soft water requires a low concentration of BB5 and turns pink immediately upon reaching the desired pH. Hard water on the other hand needs a higher concentration of BB5 and in this instance a gradual colour change from yellow to orange and finally a deep pink colour (pH 4.5 – 5.5) will be observed.

The following table serves as an indicator of the quantity of BB5 required to adjust waters of different hardness to the desired pH range of 4.5 – 5.5.

WATER HARDNESS RATING	*APPLICATION RATE ml/100 litres OF SPRAY WATER
SOFT	40 – 50 ml
MEDIUM	50 – 60 ml
MEDIUM – HARD	100 – 120 *ml
HARD	180 – 200 ml
VERY HARD	220 ml

*If the desired colour change is not observed after adding the selected quantity of BB5 the optimum pH range has not yet been reached. Continue adding BB5 in small quantities at a rate of 10ml/100L water (with constant agitation) until the correct shade is obtained. N.B. Always mix BB5 thoroughly with water before adding pesticides or foliar feeds. A routine check on the pH after addition of the required rate of BB5 is advisable.



An **acidifier buffer with pH indicator** for use with alkaline sensitive systemic and contact pesticides and foliar feeds.

Principal Functioning Agents

Acidulent	25%
Polyols	35%
Inert Solvents	40%

- BB5 contains a combination of nonionic and anionic components and is suitable for ground and aerial applications.
- BB5 reduces and buffers the pH of the spray solution.
- BB5 contains a unique pH indicator that turns the colour of the spray water pink when the optimum pH range of 4.5 – 5.5 has been reached.

Net Contents:
12.09 kg
(10L)

BATCH NO.:120613

Although this buffer has been extensively tested under a large variety of conditions the distributor does not warrant that it will be efficacious under all conditions because the action and effect thereof may be affected by factors such as 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 or diseases against the pesticide used as well as by the method, time and accuracy of application. The distributor 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 buffer concerned due to failure of the user to follow the label instructions or to the occurrence of conditions which could not have been foreseen. The buyer assumes all risk with use. The seller warrants that the product conforms to its chemical description. Consult the supplier in the event of any uncertainty.

RISK PHRASES:

- Product is non-flammable.
- Eye and skin irritant.
- Avoid prolonged contact with concentrate. Prevent contamination of eating utensils, food, drinking water and feeds.

PRECAUTIONARY MEASURES:

- Stable under normal storage conditions. Store away from food and feedstuff. BB5 is corrosive and should not be stored in metal containers. Destroy empty containers.
- Keep away from strong oxidizing agents and acids.
- Wear rubber or impervious gloves when handling the product.
- Wear MSHA/NIOSH approved mask, goggles, standard workgear (protective clothing) when handling the product.

FIRST AID MEASURES:

- Flush affected eyes with running water for 15 minutes.
- Wash affected skin areas with soap and water.
- When ingested, do not induce vomiting and seek medical advice.

Refer to Material Safety Data Sheet for further information.

- Shake well before use. Keep from freezing.
- Storage: Store below 40°C (104 F) or decomposition of the product may occur.

Keep away from children.