

pH 5

BUFFERING
SYSTEM
ONLY

PENTA-BUFF

Reg. No. L9820 Act No. 36 of 1947

ADJUVANT • BUFFER

A water-soluble buffer for use with agricultural chemicals that require spray water around a pH 5 level.

Active Ingredient:

Buffering systems 800 g/l

PENTA-BUFF does not contain any wetters, spreaders, humectants or sequestering agents.

IN CASE OF POISONING PLEASE PHONE 082 466 8946

UN NO.: NOT REGULATED

SEE CONTAINER FOR BATCH DETAILS

COUNTRY OF ORIGIN: REPUBLIC OF SOUTH AFRICA

VERSION ROLFES AGRI: 2/2020

Rolfes 
Formulating Sustainable Growth
Agri

Registered, Manufactured and Distributed by:

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HARMFUL



ADJUVANT

SHAKE WELL Shake well before use • Store at room temperature
Keep out of direct sunlight • Keep container closed when not in use



LIFT HERE

WARNINGS:

- Handle with care.
- Eye irritant.
- Observe any warnings that apply to the product or products with which **PENTA-BUFF** is to be used.
- Do NOT use **PENTA-BUFF** with remedies that require an alkaline environment (pH > 7).
- Store in a cool place away from food and feed.
- Keep out of reach of children, uninformed persons and animals.
- In case of poisoning call a doctor and make this label available to him or her.
- Not for use on crops under protection.

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 animals 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 registration. Consult the supplier in the event of any uncertainty.

PRECAUTIONS:

- Wear suitable protective clothing and rubber gloves when handling the concentrate.
- Avoid prolonged contact with concentrated product.
- In the case of contact, wash affected area with soap and water.
- In case of contact with eyes flush immediately with water for at least 10 minutes.
- Rinse the container three times. For each rinse add clean water, to the volume of a quarter of the container, close the cap and agitate or shake well. Decant the rinse water into the spray tank .
- Puncture the container. Keep caps separate and hand over to one of the CropLife South Africa approved collectors or recyclers.
- Prevent contamination of food, feeds, drinking water and eating utensils.

SYMPTOMS OF HUMAN POISONING:

Causes redness, pain and irritation to the eyes and skin. Inhalation and ingestion may result in the development of nausea, vomiting, diarrhoea and gastric distress.

FIRST AID TREATMENT:**Inhalation:**

Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Keep person at rest and warm. Treat symptomatically and supportively as and when required. Obtain medical advice if necessary.

Ingestion:

Have victim rinse mouth thoroughly with water. Give ½ to one glass of water to dilute the material if victim is alert and not convulsing. Do NOT induce vomiting. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in of vomits, rinse mouth and administer more water. Never give anything by mouth to an unconscious person. Qualified medical personnel should perform administration of oxygen. Seek medical advice immediately.

Skin contact:

Remove any contaminated clothing. Wash skin with water for at least 15 minutes. Get medical attention if irritation develops or persists. Wash clothing before re-use. Do NOT rub skin hard.

Eye contact:

Immediately flush eyes with lukewarm water or saline solution for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

NOTE TO PHYSICIAN: Treat symptomatically.

DIRECTIONS FOR USE: Use only as indicated.

MIXING INSTRUCTIONS:

Mix **PENTA-BUFF** with the spray tank water before adding any other agricultural remedies.

GENERAL NOTES:

- **PENTA-BUFF** contains an organic buffering system that when applied correctly will buffer the majority of spray solutions to a pH between a pH of 4,5 – 5,5 depending on the quality of the water.
- **PENTA-BUFF DOES NOT CONTAIN ANY WETTERS, SPREADERS, HEMECTANTS OR SEQUESTERING AGENTS.**

RECOMMENDATIONS:

PENTA-BUFF is for use with those agricultural remedies that require an acidic environment to achieve optimum results.

pH of water	6-7	7-8	>8
Dosage rate ml / 100 l water	50 - 75	75 - 100	150 - 250

Application rate may be affected by water quality. Water containing high concentrations of bicarbonate salts may require higher dosage rates. It is advisable to routinely check the pH of the spray tank water before and after the incorporation of **PENTA-BUFF**.

**Store at room temperature
Keep out of direct sunlight
Keep container closed when not in use**