



ADJUVANT

PENTA-BUFF

Reg. No. L9820 Act No. 36 of 1947

**READ LABEL BEFORE USE.
KEEP OUT OF REACH OF CHILDREN AND ANIMALS.**

PENTA-BUFF is a water-soluble buffer for specific use with those agricultural chemicals whose optimal performance in spray water requires a pH of 5.



WARNING

ACTIVE INGREDIENT

Buffering systems

820 g/l

HAZARD STATEMENTS:
Very toxic to aquatic life.

PRECAUTIONARY STATEMENTS:
Avoid release to the environment.
Collect Spillage.

Emergency contact details
Office Hour Poisoning Helpline
Rolfes Agri (Pty) Ltd.
Tel: +27 (12) 803 0145

Registration Holder: Rolfes Agri (Pty) Ltd.
(Reg. No. 1998/013411/07) • 288 Mundt Street, Waltloo, 0184,
Gauteng, RSA. • Tel: (012) 803-0145

Spill Response and Transport incidents
Spill Tech, Oil and chemical pollution control
Tel: +27 (86) 100 0366 / +27 (83) 253 6618
www.spilltech.co.za

Rolfes 
Agri



LIFT HERE

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

WARNINGS:

- 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).

DISCLAIMER

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:

- If medical advice is needed, have container or label at hand.
- Keep out of reach of children.
- Read carefully and follow all instructions.
- Avoid release to the environment.
- Collect spillage.
- Empty all contents from the container by placing it upside down over the spray tank and holding it there for at least 30 seconds. Puncture the rinsed container to render it useless and send to a recycler.
- Avoid prolonged contact with concentrated product.
- Prevent contamination of food, feeds, drinking water and eating utensils.
- Store at room temperature. Keep out of direct sunlight.
- Keep container closed when not in use.

RELEVANT SUBSTANCES

Alcohol Ethoxylate 7-9 EO > 10%.

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.

RECOMMENDATIONS:

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

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

Application rate may be affected by water quality. It is advisable to routinely check the pH of the spray tank water before and after the incorporation of **PENTA-BUFF**.