

EliPad



Heavy-Duty Foaming Acidic Detergent & Descaler

PRODUCT OVERVIEW

EliPad is a high-performance, heavy-duty foaming acidic detergent and descaler specifically formulated for the effective removal of mineral scale, lime, calcium, milkstone, rust, and protein-based biofilms.

It is a one-step acid cleaner and descaler combining phosphoric and sulphuric acids with a high-foaming surfactant system, delivering superior descaling efficiency while minimizing corrosion.

Designed for demanding applications in the food processing industry, slaughterhouses, poultry and livestock facilities, EliPad provides extended contact time on vertical and hard-to-reach surfaces through its stable foam structure.

PRECISION DESCALING WITH CONTROLLED POWER.

FEATURES & BENEFITS

- **Delivers superior descaling performance with minimal corrosion**, helping protect surfaces and extend equipment life.
- **Effectively removes mineral, alkaline, and protein deposits** such as scale, lime, milkstone, rust, and biofilm buildup.
- **Heavy-duty high-foaming formulation** provides extended contact time, especially on vertical and hard-to-reach surfaces.
- **One-step acidic cleaner and descaler** simplifies cleaning operations and improves efficiency.
- **Suitable for use on aluminum and most acid-resistant surfaces** across food, poultry, and livestock environments.
- **Highly concentrated and economical**, offering powerful cleaning performance at low dilution rates.



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EliPad



PRODUCT DETAILS

Composition

- Orthophosphoric Acid (85%) 405 g/L
- Sulphuric Acid 65 g/L
- Foaming Surfactant Blend 60 g/L
- Other ingredients q.s.

Form

Liquid concentrate

Appearance

Clear colorless to light yellow viscous liquid with acidic odor

pH: ~ 1.3

Packaging

Available in 5L and 20L Jerrycan suit agricultural and industrial requirements.

RECOMMENDED USES

- Poultry and livestock housing surfaces
- Slaughterhouses and food processing facilities
- Equipment, pipelines, and processing areas
- Evaporative cooling cell pads
- Hatchery surfaces
- Surfaces affected by calcium, lime, milkstone, rust, and scale buildup.

Mode of Action

The synergistic blend of phosphoric and sulphuric acids rapidly dissolves mineral and alkaline deposits, while the foaming surfactant system ensures prolonged surface contact and effective penetration into biofilms and scale layers.

STORAGE AND DISPOSAL:

Storage:

Store in a well-ventilated area at temperatures not exceeding 30°C away from direct sunlight and incompatible materials. Keep out of reach of children and unauthorized personnel.

Disposal:

Dispose of used containers and residues in accordance with local regulations.

DIRECTIONS FOR USE

General Surface Cleaning & Descaling

- Dilution rate: 0.25% – 0.5% (2.5–5.0 ml per liter of water)
- Apply solution evenly to surfaces
- Allow contact time of 10–15 minutes
- Rinse thoroughly with clean water using high-pressure equipment
- Allow surfaces to dry completely
- Follow with an appropriate disinfectant after cleaning

Re-Circulating Cooling Pads

- Drain sump storage tank and refill with fresh water
- Remove inlet pump screen
- Add EliPad at 1% dilution to the sump
- Run the pump for at least 1 hour to fully soak pads
- Turn off pump once pads are fully wetted
- Rinse pads from top to bottom using low-pressure fresh water
- Drain and rinse sump storage tank thoroughly

Spraying on Cooling Pads

- Thoroughly wet pads with water
- Spray EliPad at 2% dilution, ensuring full coverage
- Allow solution to remain for minimum 20 minutes
- Rinse from top to bottom using water pressure

SAFETY INFORMATION

Operator Safety:

Always wear gloves, protective eyewear, and a mask during handling and application.

Avoid contact with skin and eyes; use appropriate personal protective equipment (PPE).

Refer to the Safety Data Sheet (SDS) for detailed safety and handling instructions.

First Aid Measures:

- In case of skin contact, wash with soap and water.
- In case of eye contact, rinse immediately with plenty of water and consult a physician.

HEAVY-DUTY DESCALING, MINIMAL CORROSION



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