

DeterUltra®

Superior Heavy Duty
High-Density Foaming Cleaner

LANXESS
BIOSECURITY
SOLUTIONS



**LONG LASTING
HIGH-DENSITY
FOAM**



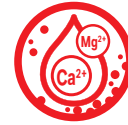
**SUPERIOR
DETERGENCY
ACTION**



**SAVES TIME
AND WATER
on cleaning operations**



**DEEP CLEANS
surfaces to optimise
disinfection**



**HIGHLY EFFICIENT
hard water
performance**

The premium cleaning and degreasing formulation of DeterUltra® has been specifically developed to provide high levels of alkalinity and excellent high-density foaming properties to quickly penetrate, loosen and remove caked-on faecal matter and heavy organic soiling from the surfaces and equipment associated with:

 Livestock Housing  Farm Buildings  Pig & Poultry Production  Processing Plants  Hatcheries

Applications

DeterUltra® can be used to clean a wide range of equipment and hard surfaces including metal, wood, plastic, concrete, feeders, drinkers, etc.



General Properties

DeterUltra® is a powerful stabilised high-foaming alkaline cleaning concentrate which offers:

- Premium cleaning and degreasing properties
- Enhanced high-density long lasting foam
- Free from colourants and fragrances
- Good materials compatibility
- Suitable for use in hard water conditions

Composition

A synergistic blend of highly alkaline anionic and non-ionic surfactants in an aqueous solution incorporating sodium hydroxide, complexing agents and solvents to produce a superior foaming adherence and optimum detergency performance.

Physical and Chemical Properties

- Colour: Light yellow
- Odour: Characteristic
- Relative Density ≈ 1.08
- pH of the concentrate ≈ 13.7
- pH of 2% solution ≈ 12.54

Environmental Profile

In line with LANXESS' commitment to provide environmentally sustainable solutions, DeterUltra® has been formulated using actives which have been carefully selected for their environmental profile, such as biodegradability. The formulation complies with the biodegradability requirements laid down by the European regulation on detergents (648/2004/EC). Clear instructions for use and disposal are provided.

Instructions for Use

1. Dry clean all surfaces and equipment.
2. Pre-soak all surfaces with clean water, at low pressure, and leave for a minimum of 2 hours prior to commencing the application of the DeterUltra® detergent solution.
3. Prepare a stock solution of 2% (1:50 dilution) of DeterUltra® or calibrate your dosing equipment to achieve the required dilution. Higher concentrations may be required for use under heavily soiled conditions.
4. Using a foaming lance, apply DeterUltra® to all surfaces at an application rate of 300 ml/m². Allow a contact time of 20 minutes before thoroughly rinsing all surfaces with clean water at low to medium pressure.

Storage

- Store in a cool dry place.
- Do not allow contact with acids.

Disposal

Dilute small quantities to waste water, via a foul sewer or other treatment facility in accordance with local water authority regulations.



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Energizing Chemistry

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Poultry Production Surface Usage Chart

Floor surface area	Total surface area	Volume of 2% DeterUltra® solution	Volume of DeterUltra®
1000 m ²	2500 m ²	750 litres	15 litres



Pig Production Surface Usage Chart

Number of pigs	Total surface area	Volume of 2% DeterUltra® solution	Volume of DeterUltra®
Per 100 sows	240 m ²	72 litres	1.4 litre
Per 100 weaners	150 m ²	45 litres	0.9 litre
Per 100 fatteners	300 m ²	90 litres	1.8 litre

Shelf Life

Concentrate 3 years. Diluted product up to 4 hours, if unused.

Packaging

Available in 200, 20, 10 and 12 x 1 litre containers, approved to UN Standards.

Always use **Personal Protective Equipment (PPE)** when handling and applying chemical concentrates and in-use solutions:

- Overall - chemical risk type 4 single use
- Nitrile Gloves EN374
- Half mask - with canisters ABEK P
- Protective glasses or complete mask

LANXESS  **BIOSECURITY SOLUTIONS**
Shaping the Future of Biosecurity

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The specified uses and registered claims for the product may vary from country to country. Please contact LANXESS to verify country-specific approved uses.

Use biocides safely. Always read the label and product information before use.