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 feacal 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/m^2. Allow a contact time of 20 minutes before thoroughly rinsing all surfaces with clean water at low to medium pressure.

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

Storage

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

Shelf Life

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

Disposal

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

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 Energizing Chemistry

LANXESS BIOSECURITY SOLUTIONS

Shaping the Future of Biosecurity

Antec International Limited
LANXESS Material Protection Products
Windham Road, Chilton Industrial Estate,
Sudbury, Suffolk, CO10 2XD
United Kingdom

Tel: +44 (0)1787 377305
biosecurity@lanxess.com
biosecuritysolutions.lanxess.com
lanxess.com

This information and our technical advice – whether verbal, in writing or by way of trials – is subject to change without notice and given in good faith but without warranty or guarantee, express or implied, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery.

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.

©2022 LANXESS. DeterUltra™, LANXESS, the LANXESS Logo and any associated logos are trademarks or copyrights of LANXESS Deutschland GmbH or its affiliates. All trademarks are registered in many countries worldwide.