

DeterKlyn®

General Multipurpose Foaming Cleaner

LANXESS
BIOSECURITY
SOLUTIONS



HIGH FOAMING FORMULATION



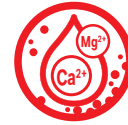
EXCELLENT CLEANING ACTION



SAVES TIME AND WATER
on cleaning operations



DEEP CLEANS
surfaces to optimise
disinfection



HIGHLY EFFICIENT
hard water
performance

DeterKlyn® is a cost effective alkaline multipurpose foaming detergent, ideal for day-to-day use as a general farm cleaner. Its excellent cleaning action penetrates and lifts stubborn caked-on faecal matter and organic soiling from the surfaces and equipment associated with:



Livestock Housing



Farm Buildings



Pig & Poultry Production



Processing Plants



Hatcheries

Applications

DeterKlyn® can be used as a general multipurpose detergent to clean farm equipment and hard surfaces including metal, wood, plastic, concrete.



General Properties

DeterKlyn® is an alkaline cleaning concentrate which offers:

- An effective cleaning action
- A lasting foam on surfaces and equipment
- Suitable for use in hard water conditions
- Good materials compatibility
- Free from colourants and fragrances

Composition

A formulated blend of anionic and non-ionic surfactants in an aqueous solution incorporating complexing solvent agents.

Physical and Chemical Properties

- Colour: Colourless
- Odour: Slight
- Relative Density ≈ 1.04
- pH of the concentrate $\approx >13.84$
- pH of 2% solution ≈ 11.56

Environmental Profile

In line with LANXESS' commitment to provide environmentally sustainable solutions, DeterKlyn® 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 minimum of 2 hours prior to commencing the application of the DeterKlyn® detergent solution.
3. Prepare a stock solution of 2% (1:50 dilution) of DeterKlyn® 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 DeterKlyn® 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.



LANXESS
Energizing Chemistry

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Poultry Production Surface Usage Chart

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



Pig Production Surface Usage Chart

Number of pigs	Total surface area	Volume of 2% DeterKlyn® solution	Volume of DeterKlyn®
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 5L, 20L, 200L, 1000L 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.

Always read the label and product information before use.

Dangerous product. Respect precautions for use. For professional use only.