

# **Biosolve®** **HD**

**Multipurpose Heavy Duty  
Antibacterial Cleaner**

Excellent cleaning and degreasing properties

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Superior hard water performance



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**For a disinfection programme to work to its full potential it is necessary to comprehensively clean before disinfecting.**

Washing with water alone reduces contamination by up-to 60%, but using a heavy-duty detergent decreases the original burden by 99%. For example, 2000 times more bacteria are left if you don't use a suitable heavy-duty detergent. Therefore, thorough washing of all surfaces and equipment with an effective heavy-duty detergent is essential to achieve the best results from any subsequent disinfection procedure.

## **Powerful cleaning and degreasing formulation**

Biosolve® HD is a superior multipurpose, heavy-duty, antibacterial cleaner, suitable for use on hard surfaces and equipment in hatcheries, and on the farm.

## **Applications**

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

## **General Properties**

Biosolve® HD is an alkaline foaming antibacterial cleaning concentrate which offers:

- Excellent cleaning and degreasing properties
- The option to be used as a spray or foam
- The ability to be applied through standard farm pressure washer or spraying systems and equipment
- Superior hard water performance
- Suitable for use on hatchery and farm building surfaces and equipment
- pH (1% use dilution) typically 11.5



## **Composition**

A synergistic blend of non-ionic detergents, QAC biocides, alkaline builders (sodium metasilicate) and sequestering agents to achieve optimum detergency and bactericidal properties.



## Instructions for Use

Pre-soak all surfaces with clean water, at low pressure, and leave for 1 hour prior to commencing the application of the Biosolve® HD detergent solution.

### Spraying

Prepare a stock solution of between 0.25 - 1% (1:400 - 1:100 dilution) of Biosolve® HD or calibrate your dosing equipment to achieve the required dilution rate (higher concentrations may be required for use under heavily soiled conditions). Spray Biosolve® HD solution onto all surfaces using a low pressure lance and at an application rate of 500ml/m<sup>2</sup>. Using hot water (60-65°C) will improve the effectiveness of the product, particularly in high grease challenge situations. Allow a minimum contact time of 20 minutes before thoroughly rinsing all surfaces with clean water at low to medium pressure.

### Foaming

Prepare a stock solution of between 0.5 - 2% (1:200 - 1:50 dilution rate) of Biosolve® HD or calibrate your dosing equipment to achieve the required dilution rate (higher concentrations may be required for use under heavily soiled conditions). Using a foaming lance, apply Biosolve® HD solution to all surfaces at an application rate of 250ml/m<sup>2</sup>. Allow a minimum 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.

### Shelf Life

Concentrate 3 years. Diluted product up to one week, if unused.

### Packaging

Available in 20 and 4 x 5 litre drums, approved to UN Standards.



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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.**

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