

Britewash HD Plus

Heavy duty bottlewash additive



Britewash HD Plus is a heavy duty, primary additive to caustic soda solution, specially designed for bottle washing of returnable glass bottles with difficult to clean mould pads and heavily soiled bottles. It is formulated with a unique combination of surfactants and chelating agents to ensure effective cleaning performance and soil suspending properties to deliver clean bottles. The additive enhances wetting of paper labels and aluminium foils for efficient removal from bottles. It can be used for cleaning of returnable beverage and beer bottles. It can also be used for wide range of applications as an additive to caustic within Beverage, Brewing, Dairy, Food Processing and Pharmaceutical industries.

Key properties

Britewash HD Plus is a highly concentrated liquid bottlewashing additive suitable for returnable glass bottles. Britewash HD Plus has unique surfactant system that enhances penetration of detergent and caustic into the soil and mold residues of bottles delivering improved cleaning performance.

Britewash HD Plus provides effective foam control using surfactant based technology.

Britewash HD Plus inhibits water hardness scale deposition and built up, and assists easy rinsing of bottles.

Benefits

- ▶ Suitable for automatic dosing and control, ensuring effective product use for economy and performance.
- ▶ Inhibits scale build up and prevents nozzle blockage, improving operational efficiency and effectiveness. Maintenance frequency, time and associated costs can also be reduced.
- ▶ Significantly enhances detergency and label removal, ensuring effective cleaning and giving reduced reject rates.
- ▶ Provides effective foam control, assisting label extraction, reducing the risk of pump cavitation, ensuring measurement probes work efficiently and minimizing caustic carry-over.
- ▶ Provides enhanced detergency for the removal of inorganic and organic soils in a variety of cleaning applications, ensuring effective cleaning is obtained.

Britewash HD Plus Use Overview

Directions for use

Britewash HD Plus should be dosed in the caustic section of bottlewasher for cleaning returnable glass bottles at 0.2 - 0.4% initial charge. Top up addition to be maintained depending on bottle soiling and water hardness. To ensure effective performance, adequate amount of free Britewash HD Plus must be present in the wash solution. Therefore the top up dosing rate should be monitored during use and additions made to maintain the required concentration as suggested by Diversey representative.

Contact time required for effective bottlewashing is seven minutes at a temperature of 70 - 75°C.

Exact recommendations can be provided for each washer depending upon its design and the extent / intensity of bottle soiling.

Britewash HD Plus containing solutions should be thoroughly rinsed after use to remove them from all food and beverage contact surfaces.

Technical data*

Description	
Appearance	Yellow to pale yellow liquid
Specific gravity at 25°C	1.13 - 1.23
Odour	Odourless
pH (1% solution at 25°C)	8.5 - 9.0
Solubility	Miscible with water at recommended user concentration

* The above data is typical of normal production and should not be taken as a specification

Packaging

230 Kg

Safe Handling and Storage Information

Store in original closed containers or (where applicable) in an applicable bulk tank, away from extreme temperatures. The product is irritant, harmful if swallowed. Wear gloves, apron and goggles or face shield. When eye contact occurs, flush immediately and thoroughly with water and continue for at least 15 minutes and seek medical attention. Full guidance on the handling and disposal of this product is provided in a separate Material Safety Data Sheet.

Product compatibility

Britewash HD Plus is safe for use on materials commonly found in the beverage and food industry when applied under the recommended conditions. In the event of uncertainty it is advisable to evaluate individual materials before any prolonged use.

Test method

Test method is available on request



IRRITANT

For More Information

Please contact your local Diversey representative.

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Only for professional users / specialists. The manufacturer guarantees the quality of this product. Application recommendations are based on tests and practical experience; the manufacturer declines all responsibility for damages from improper product use.

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