



# Cipton HD

# VC151

## Hard water, high concentrated defoamed reclaim CIP & bottlewashing detergent

### Description

Cipton HD is a general purpose, hard water tolerant defoamed liquid caustic based detergent. Cipton HD can be used for a wide range of applications in the food and beverage industry including CIP, bottlewashing and spray washing.

### Key properties

- Cipton HD provides excellent detergency for the suspension and removal of a wide range of different materials, such as fats, proteins and heat-modified soils.
- Cipton HD is used in brewing and beverage applications for yeast tank CIP and bottlewashing.
- Cipton HD is used in processed food applications for the removal of fats and oils in margarine processing, smoke chamber cleaning, spray washing of stainless steel surfaces and frier boil outs.
- Cipton HD is suitable for use in CIP systems under conditions of high turbulence.

### Benefits

- Provides excellent detergency against a wide range of soil types, which makes it a highly versatile heavy duty detergent across all sectors, improving productivity and product quality.
- Helps to prevent scale build up, improving operational efficiency.
- Low foaming under high turbulence makes it easier to rinse and improves cleaning efficiency.
- Suitable for automatic dosing and control by conductivity ensuring consistent delivery of product.

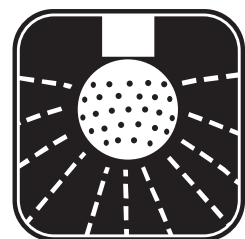
### Use instructions

Cipton HD is used in CIP & spray washing applications at 0.4-5.3% w/w (0.3-3.9% v/v) at 50-70°C.

Cipton HD is used in bottlewashing at 0.6-1.5% w/w causticity (0.45-1.1% v/v) at 50-80°C.

Cipton HD is used for general soak applications at 0.4-1.5% w/w causticity (0.3-1.1% v/v) at 50-80°C.

All detergents and disinfectants should be thoroughly rinsed after use to remove them from all food and beverage contact surfaces.





**F&B Cipton HD**

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#### Technical data

Appearance: Clear, brown liquid

pH (1% solution at 20°C): 12.5

Relative density at 20°C: 1.37

Chemical Oxygen Demand (COD): 73.3 gO<sub>2</sub>/kg

Nitrogen Content (N): 4.7 g/kg

Phosphorous Content (P): 5 g/kg

**Cipton HD [% w/w] - Specific conductivity at 25°C [mS/cm]: -**

0.5 - 8.5

1 - 17

2 - 32.7

3 - 47.3

4 - 62

5 - 76.1

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

#### Safe handling and storage information

Store in original closed containers or (where applicable) in an approved bulk tank, away from extreme temperatures. Full guidance on the handling and disposal of this product is provided in a separate Safety Data Sheet.

#### Product compatibility

Cipton HD 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

##### Reagents:

0.1 N Hydrochloric or sulphuric acid

Phenolphthalein indicator

##### Procedure:

Add 2-3 drops of the indicator solution to 10 ml of the test solution.

Titrate with the acid to a colourless end point.

##### Calculation:

% w/w Cipton HD = titre (ml) x 0.14

% v/v Cipton HD = titre (ml) x 0.11