



Hard water silicated detergent for spray washing and CIP

Description

Capture is a hard water tolerant, low foaming, soft metal safe alkaline detergent for use in CIP and spray washing applications in the food and beverage industry.

Key properties

- Capture provides excellent fat/oil penetration and removal properties for CIP and spray washing applications in the dairy and processed food industries.
- Capture is highly efficient for cleaning soils encountered in the ice cream and margarine manufacturing industry.
- Capture is safe for use on aluminium and other soft metal surfaces.
- Capture provides excellent detergency and soft metal safe protection for spray washing and CIP applications.
- Capture is low foaming and suitable for CIP under conditions of high turbulence.

Benefits

- Provides excellent detergency against a wide range of fats and oils. This makes it a highly versatile and efficient detergent, it being particularly effective in the ice cream and margarine industry.
- Silicated and ideal for use on aluminium and other soft metal equipment, leaving surfaces free of corrosion/pitting, prolonging equipment life.
- Low foaming under high turbulence makes it easier to rinse and improves cleaning efficiency.
- Hard water tolerant, preventing scale build up and improving operational efficiency.

Use instructions

Capture is used at 0.5-2% w/w (0.4-1.4% v/v) at 60-70°C depending upon the application and the degree of soiling.

Capture should be rinsed thoroughly from all surfaces after cleaning, to ensure potential staining is eliminated.





F&B Capture

VC16

Technical data

Appearance: Clear, colourless liquid

pH (1% solution at 20°C): 12

Relative density at 20°C: 1.41

Chemical Oxygen Demand (COD): 23 gO₂/kg

Nitrogen Content (N): None

Phosphorous Content (P): 40 g/kg

Capture [% w/w] - Specific conductivity at 25°C [mS/cm]: -

1 - 5.7

2 - 10.7

3 - 15.4

4 - 19.6

5 - 23.6

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

Capture 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 20 ml of the test solution.

Titrate with the acid to a colourless end point.

Calculation:

% w/w Capture = titre (ml) x 0.19

% v/v Capture = titre (ml) x 0.13