

## JohnsonDiversey Capture

### Hard water silicated detergent for spray washing and CIP

# VC16

#### 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 – 2.0%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.

# JohnsonDiversey Capture

## Technical data

Appearance	clear, colourless liquid
Relative density at 20°C	1.41
pH (1 % solution at 20°C)	12
Chemical Oxygen Demand (COD)	23 gO <sub>2</sub> /kg
Nitrogen Content (N)	none
Phosphorous Content (P)	13 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 Material 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 mls of the test solution. Titrate with the acid to a colourless end point.
Calculation:	%w/w <b>Capture</b> = titre (mls) x 0.19 %v/v <b>Capture</b> = titre (mls) x 0.13

## Available pack sizes

Article code	Pack size
7508961	200L
7509838	Bulk

**JohnsonDiversey (UK)**  
Weston Favell Centre  
Northampton NN3 8PD  
Tel. 0800 525 525  
[www.johnsondiversey.com](http://www.johnsondiversey.com)