

# JohnsonDiversey PrimeCIP

Medium hard water detergent for heat-treated soil removal

## VC93

### Description

**PrimeCIP** is a medium hard water tolerant, blended caustic detergent, used for CIP and spray washing applications in the Dairy, Processed Food and Pharmaceutical industries

### Key properties

**PrimeCIP** is a low foaming liquid caustic detergent suitable for use in medium hard water.

**PrimeCIP** provides excellent detergency for single stage Dairy CIP applications, e.g. Milk Reception, HTST and Evaporator cleaning.

**PrimeCIP** is used as a fryer boil-out detergent in Processed Food applications.

**PrimeCIP** is used in the Pharmaceutical industry for the removal of heavy duty soiling in the fermentation broth process.

**PrimeCIP** is suitable for use in CIP applications under conditions of high turbulence.

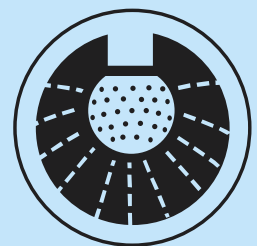
**PrimeCIP** is suitable for use in tray, crate and mould cleaning applications.

### Benefits

- Suitable for automatic dosing and control by conductivity ensuring consistent delivery of product
- Can be used for single stage CIP cleaning in Dairy applications, increasing processing time
- Suitable for single stage cleaning of plate pasteurisers (HTST)
- Low foam under high turbulence makes it easier to rinse and improve cleaning performance

### Use instructions

**PrimeCIP** is used at 1 – 5% w/w (0.8 – 3.9% v/v) for CIP cleaning in dairies depending on soil levels and water hardness. For heavy duty applications such as removal of heat modified soils, fryer boil outs and fermentation broth residues concentrations up to 16% w/w (13% v/v) can be used. For specific details refer to method card.



Diverflow™

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## Technical data

Appearance	clear, pale yellow liquid
Relative density at 20°C	1.29
pH (1 % solution at 20°C)	13
Chemical Oxygen Demand (COD)	30 gO <sub>2</sub> /kg
Nitrogen Content (N)	3 g/kg
Phosphorous Content (P)	1 g/kg

PrimeCIP [% w/w]	Specific conductivity at 25°C [mS/cm]
0.5	6,9
1	13,6
2	26,3
3	37,6
4	50,6
5	60,4

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

**PrimeCIP** 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 mls of the test solution. Titrate with the acid to a colourless end point.
Calculation:	% w/w <b>PrimeCIP</b> = titre (mls) x 0.17 % v/v <b>PrimeCIP</b> = titre (mls) x 0.13

## Available pack sizes

Article code	Pack size
7510912	20L
7510913	200L
7510914	900L

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