



F&B DivoCIP

VC94

Soft water, low foam chlorinated alkaline detergent

Description

DivoCIP is a low foaming, chlorinated alkaline detergent for use in soft water for CIP and spray washing applications across all food & beverage applications.

DivoCIP can be used for brewing and beverage applications including fillers, sugar/syrup tanks, open vessels, yeast handling and filtration equipment.

DivoCIP can be used for single stage cleaning in milk reception for dairies, CIP of freezers and drain cleaning in processed food.

DivoCIP is highly effective for organic soil removal from fermenters in pharmaceutical applications, as well as cratewashing in the meat industry.

Key properties

- DivoCIP provides excellent detergency, soil suspension properties for spray washing and CIP in the food and beverage industries.
- DivoCIP is highly effective in protein removal.
- DivoCIP is used for crate washing in the processed food (meat) and food industries and the in-use temperature can be extended to 60°C.
- DivoCIP is suitable for CIP under conditions of high turbulence.

Benefits

- Highly effective in the removal of protein and other organic soiling.
- Free rinsing, giving minimal water usage.
- Low foaming under high turbulence making it easier to rinse and improving cleaning efficiency.

Use instructions

DivoCIP is used for CIP & Spray washing applications at 0.1-2% w/w (0.08-1.6% v/v) at temperatures ranging from ambient to 50°C (60°C for crate washing in meat applications) and up to 100ppm CaCO₃ water hardness. The contact time depending upon the application and the degree of soiling.

Solutions containing DivoCIP should be rinsed thoroughly from all product contact surfaces.





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Technical data

Appearance: Clear, pale yellow-green liquid

pH (1% solution at 20°C): 13

Relative density (20°C): 1.24

Chemical Oxygen Demand (COD): <10 gO₂/kg

Nitrogen Content (N): None

Phosphorous Content (P): <1 g/kg

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

0.5 - 4.1

1 - 8.2

2 - 16.2

3 - 24

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 away from extreme temperatures. Full guidance on the handling and disposal of this product is provided in a separate Safety Data Sheet.

Product compatibility

DivoCIP is safe for use on materials commonly found in the beverage and food industry when applied under the recommended conditions. It is unsuitable for use on soft metals such as aluminium and copper. 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

0.1 N Sodium thiosulfate

Phenolphthalein indicator

Procedure:

Add approx. 10 ml of 0.1 N sodium thiosulfate to 10 ml of the test solution, mix well and allow to stand for about 30 seconds. Add 2-3 drops of the indicator solution and titrate with the acid to a colourless end point.

Calculation:

% w/w DivoCIP = titre (ml) x 0.34

% v/v DivoCIP = titre (ml) x 0.28