

TITAN AlkaCIP

Low foam, blended caustic detergent for CIP systems

Description

AlkaCIP is a heavy duty, soft water tolerant, low foaming liquid caustic detergent for Dairy CIP. AlkaCIP can be used for a wide range of applications throughout the Food and Beverage industries.

Key Properties

AlkaCIP is a highly caustic liquid low foaming CIP detergent suitable for soft water.

AlkaCIP is highly effective at removing a wide range of organic soils and preventing scale formations.

AlkaCIP can be used in two staged Dairy CIP application followed by an acidic cleaning.

AlkaCIP provides a high source of alkalinity.

AlkaCIP is low foaming and suitable for use in CIP applications under conditions of high pressure and turbulence.

AlkaCIP is suitable for conductivity based automatic dosing and control.

Benefits

- Provides an economical cleaning performance.
- Assists detergency in Dairy CIP applications, ensuring product integrity
- Enhances effectiveness of cleaning operations, improving productivity and quality
- Single blended product, reducing application complexity
- Suitable for conductivity based automatic dosing and control, ensuring constant delivery of product and reproducible cleaning results.
- Low foaming and suitable for use in CIP applications under conditions of high pressure and turbulence improving operational efficiency.

Use Instructions

AlkaCIP is used at 1.5 - 5%w/w (1 - 3.4%v/v) at temperatures ranging from 70 - 80°C depending on the application and soil type.

AlkaCIP containing solutions should be thoroughly rinsed after use to remove them from all food and beverage contact surfaces.

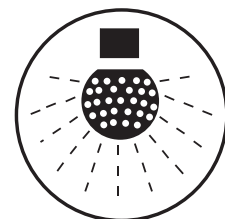
Technical Data

Appearance	: Clear, colorless liquid
Relative density (g/cc, 20°C)	: 1.43
pH (1 % solution at 20°C)	: 12.8

AlkaCIP

[%w/w]	Specific conductivity (25°C) [mS/cm]
0,5	11,19
1	22,2
2	41,7
3	60,8
4	80,6
5	99,5

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



Diverflow™

TITAN AlkaCIP

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

AlkaCIP 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

Reagent: 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 AlkaCIP = titre (ml) x 0,1004
%v/v AlkaCIP = titre (ml) x 0,069

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