

Zoma eNCIP

Description

Zoma eNCIP is a heavy duty, soft water tolerant, low foaming liquid caustic detergent for Dairy CIP.
can be used for a wide range of applications throughout the Food &

Zoma eNCIP
Beverage industries.

Key properties

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

Zoma eNCIP is highly effective at removing a wide range of organic soils and preventing scale build up.

Zoma eNCIP can be used for Dairy CIP two stage cleaning when followed by an acid.

Zoma eNCIP provides a high source of alkalinity.

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

Zoma eNCIP is suitable for automatic dosing and control by conductivity.

Benefits

Gives highly cost effective 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 automatic dosing and control by conductivity, 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

Zoma eNCIP is used at 1.5 – 5%w/w (1 – 3.4%v/v) at temperatures ranging from 70 – 80°C depending upon application and soil type.

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

Technical data

Appearance	clear, colourless liquid
Relative density at 20°C	1.48
pH (1 % solution at 20°C)	13
Chemical Oxygen Demand (COD)	1 gO ₂ /kg
Nitrogen Content (N)	< 0.2 g/kg
Phosphorous Content (P)	1 g/kg

Zoma eNCIP [%w/w]	Specific conductivity at 25°C [mS/cm]
0.5	12.6
1	24.8
2	48
3	69
4	89
5	110

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

Zoma eNCIP 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 Zoma eNCIP = titre (mls) x 0.090 %v/v Zoma eNCIP = titre (mls) x 0.061

Pack size

20L HDPE

Cleantech Ltd.

Georgia, Tbilisi, A.Zurabashvili St.5; Tel.: +995 595 608 778, info@zoma.ge