

Super Dilac VA4

Heavy duty acidic CIP detergent descaler

VA4

Description

Super Dilac is a low foaming, high active, non-fuming nitric / phosphoric acid detergent descaler for use in a wide range of CIP applications in the Food and Beverage industry.

Key properties

Super Dilac is highly effective at removing inorganic scale deposits, including calcium oxalate (beerstone).

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

Super Dilac is highly economical at in use concentrations.

Super Dilac is a conductive liquid detergent and suitable for automatic dosing and control.

Benefits

- Highly effective in removing most inorganic scale deposits, improving operational efficiency.
- Can be used for the passivation of new stainless steel CIP and Bottlewashing installations.
- Suitable for automatic dosing and control by conductivity, ensuring consistent delivery of product.

Use instructions

Super Dilac is typically used for descaling at concentrations between 2.5 – 13%w/w (2 – 10%v/v) at temperatures between 20 – 60°C.

Super Dilac is typically used for CIP applications at concentrations between 1.0 – 2.5%w/w (0.8 – 2%v/v) for descaling, depending upon the application and level of scale.

N.B. The exact concentration, time and temperature when using **Super Dilac** will depend upon the application.

All detergents and disinfectants 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	1.28
pH (1 % solution at 20°C)	1
Chemical Oxygen Demand (COD)	none
Nitrogen Content (N)	85 g/kg
Phosphorous Content (P)	21 g/kg

Super Dilac		Specific conductivity at 25°C
[%w/w]		[mS/cm]
0.5		12.8
1		25.1
2		46
3		66
4		85
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

Super Dilac is safe for use on all type of materials commonly found in CIP circuits 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 Sodium hydroxide solution Phenolphthalein Indicator
Procedure:	Add 2-3 drops of the Indicator solution to 10 mls of the test solution. Titrate with the caustic to a red end point.
Calculation:	$\%w/w \text{ Super Dilac} = \text{titre (mls)} \times 0.14$ $\%v/v \text{ Super Dilac} = \text{titre (mls)} \times 0.11$

Available pack sizes

Pack size
20Lt