



# F&B Super Dilac

# VA4

## Heavy duty acidic CIP detergent descaler

### 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 1-2.5% w/w (0.8-2% v/v) for descaling, depending upon the application and level of scale. Super Dilac can be used for passivation under the following conditions: closed systems 25%, 60-80°C, 3h open systems: 10-15%, 60-65°C, 5h 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.





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#### Technical data

Appearance: Clear colourless liquid

pH value (neat): < 2

Relative density (g/cm<sup>3</sup>; 20°C): ≈ 1.28

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

#### Safe handling and storage information

Full guidance on the handling and disposal of this product is provided in a separate Safety Data Sheet; [sds.diversey.com](https://sds.diversey.com). Store in original closed containers away from extremes of temperature. Only for professional users / specialists.

#### 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

##### Calculation

Add 2-3 drops of the indicator solution to 10 ml of the test solution. Titrate with the caustic to a red end point.

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