

Acidplus VA35

Heavy duty non-fuming mixed acidic descaler

VA35

Description

Acidplus is a low foaming, heavy duty, non-fuming nitric acid based descaler for use in a wide range of CIP applications across the Food and Beverage industries.

Key properties

Acidplus is highly effective at removing inorganic scale deposits, including calcium oxalate (beerstone) and calcium phosphate (milkstone)

Acidplus can be used in combination with Divosan Forte for single-stage cleaning and disinfection of bright beer and buffer tanks under CO₂ atmosphere or pressure

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

Acidplus is highly economical at in-use concentrations

Acidplus is formulated to be non-fuming

Acidplus can be used for single stage cleaning of road tankers in the dairy industry

Acidplus is highly efficient for the acidic cleaning step of heat exchangers, separators, evaporators and UHT equipment

Acidplus is a conductive liquid detergent and suitable for automatic dosing and control

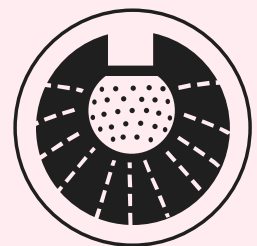
Benefits

- Highly effective in soil and beerstone removal when used for the cleaning and/or disinfection of bright beer and buffer tanks under CO₂ atmosphere or pressure
- Accelerating acidic cleaning steps due to its excellent wetting properties
- Highly effective and economical in removing most inorganic scale deposits across all Food & Beverage industries, increasing operational efficiency
- Can be used for the passivation of new stainless steel CIP and Bottlewashing installations.
- Reduced amounts of nitrous oxides when handling and using the product, improving operator safety
- Suitable for automatic dosing and control by conductivity, ensuring consistent delivery of product.

Use instructions

Acidplus is typically used for CIP applications at concentrations between 0.5 – 4% w/w (0.4 – 3.1% v/v) for descaling, depending upon the application and level of scale. The use temperature should not exceed 80°C to avoid damage of gaskets.

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



Diverflow™

Technical data

| | |
|------------------------------|--------------------------|
| Appearance | clear, colourless liquid |
| Relative density at 20°C | 1.29 |
| pH (1 % solution at 20°C) | 1 |
| Chemical Oxygen Demand (COD) | 7 gO ₂ /kg |
| Nitrogen Content (N) | 102 g/kg |
| Phosphorous Content (P) | 3 g/kg |

| | |
|-----------------|-------------------------------|
| Acidplus | Specific conductivity at 25°C |
| [% w/w] | [mS/cm] |
| 0.5 | 14 |

| | |
|---|-----|
| 1 | 28 |
| 2 | 52 |
| 3 | 77 |
| 4 | 100 |

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

Acidplus 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 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 Acidplus = titre (mls) x 0.15 % v/v Acidplus = titre (mls) x 0.11 |

Available Packs

20Lt

Diversey Eastern and Central Africa Ltd

Kaptagat Road, Loresho
P.O. Box 41939-00100 GPO Nairobi
Tel +254 (20) 4224 000 / 3008000
Fax +254 (20) 4224 888 / 4180 481
www.diversey.com