



**F&B Acidplus**

**VA35**

## Heavy Duty Non-Fuming Mixed Acidic Descaler

### Description

Acidplus cleaner is a low foaming, heavy duty, non-fuming nitric acid-based descaler for use in a wide range of clean-in-place (CIP) applications across the food and beverage industries.

### Effective

- Highly effective at removing inorganic scale deposits, including calcium oxalate (beerstone) and calcium phosphate (milkstone)
- Accelerates acidic cleaning steps due to its excellent wetting properties

### Cost-Effective

- Highly effective and economical in removing most inorganic scale deposits across all food & beverage industries, increasing operational efficiency
- Economical at in-use concentrations

### Versatile

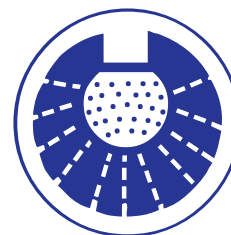
- Use in CIP and COP applications
- Can be used for the passivation of new stainless steel

### Easy-to-Use

- Reduced amounts of nitrous oxides when handling and using the product, improving operator safety
- Suitable for automatic dosing and control by conductivity

### Discussion

Acidplus cleaner 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. This product is highly effective at removing inorganic scale deposits, including calcium oxalate (beerstone) and calcium phosphate (milkstone). This product is low foaming and suitable for use in CIP applications under conditions of high pressure and turbulence. It is highly economical at in-use concentrations. This product is formulated to be non-fuming and can be used for single stage cleaning of road tankers in the dairy industry. This product is highly efficient for the acidic cleaning step of heat exchangers, separators, evaporators and ultra high temperature (UHT) equipment. It is a conductive liquid detergent and suitable for automatic dosing and control.



**Diverflow**



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### Use Instructions

Acidplus cleaner is typically used for CIP applications at concentrations between 0.4–3.1 percent v/v for descaling, depending upon the application and level of scale. It can also be used to descale in other applications such as can warmers/coolers, brewery pasteurizers, COP tanks, spray and soak type applications. The use temperature should not exceed 80°C (176°F) to avoid damage to gaskets.

### Technical data

Certification	Acceptable for use in food processing facilities
Form/Color	Clear, red liquid
Scent	Acidic
Specific Gravity	1.28
pH (1%)	1.0
% P	0.28
Alkyl Phenol Ethoxylates	None
% Total Acidity (H3PO4)	36

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

### Acidplus

% w/w	Specific conductivity at 25° C [mS/cm]
0.5	14
1	28
2	52
3	77
4	100

### Safe handling and storage information

Store in original closed containers, 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 cleaner 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 Kit

Acid Test Kit #409724

### Precautionary Statement

Refer to current Material Safety Data Sheet.