



Pascal^{TM/MC}

VA5

Heavy Duty Non-Fuming Acidic Descaler

Description

Pascal^{TM/MC} cleaner is a low foaming, heavy duty, non-fuming, nitric acid-based descaler for use in a wide range of cleaning-in-place (CIP) applications in the food and beverage industry.

Effective

- Highly effective at removing most inorganic scale deposits

Versatile

- Can be used for the passivation of new stainless steel

Easy-to-Use

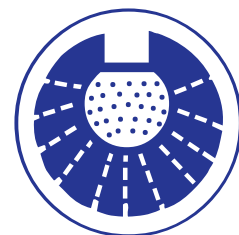
- Reduced amounts of nitrous oxides when handling and using the product, improving operator safety
- Suitable for automatic dosing and control by conductivity

Phosphate-Free

- Does not contribute phosphorus to effluent
- Acceptable for use in areas that restrict phosphates

Discussion

Pascal^{TM/MC} cleaner is a low foaming, heavy duty, non-fuming, nitric acid-based descaler for use in a wide range of CIP applications under conditions of high pressure and turbulence. This product is highly effective at removing inorganic scale deposits, including calcium oxalate (beerstone). It is highly economical at in-use concentrations. This product is formulated to be non-fuming and is phosphate-free. It is a conductive liquid detergent and suitable for automatic dosing and control.



Diverflow



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Use Instructions

Pascal^{TM/MC} cleaner is typically used for CIP applications at concentrations between 0.4–2.3 % v/v (4–23 mL/L, 0.5–3.0 oz./gal.) for descaling, depending upon the application and level of scale. The exact concentration, time and temperature will depend upon the application. All detergents should be thoroughly rinsed after use to remove them from all food and beverage contact surfaces.

Technical data

Certification	Acceptable for use in food processing facilities
Form/Color	Clear, red liquid
Scent	No fragrance added
Specific Gravity	1.31
pH (1%)	1.0
pH (neat)	0.75
% P	0.0
% Total Acidity (H ₃ PO ₄)	39.7

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

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% w/w	Specific conductivity at 25° C [mS/cm]
0.5	15.6
1.0	29.4
2.0	58
3.0	84
4.0	111
5.0	133

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 Safety Data Sheet.

Product compatibility

Pascal^{TM/MC} 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 Safety Data Sheet.