

JohnsonDiversey Pascal

Heavy duty non-fuming acidic descaler

Description

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

Key properties

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

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

Pascal is highly economical at in use concentrations.

Pascal is formulated to be non-fuming.

Pascal 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.
- 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.

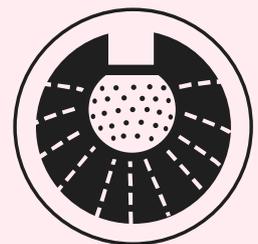
Use instructions

Pascal is typically used for CIP applications at concentrations between 0.5 – 3.0%w/w (0.4 –2.3%v/v) for descaling, depending upon the application and level of scale.

N.B. The exact concentration, time and temperature when using **Pascal** 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.

VA5



Diverflow™

JohnsonDiversey Pascal

Technical data

Appearance	clear, colourless liquid
Relative density at 20°C	1.31
pH (1 % solution at 20°C)	1
Chemical Oxygen Demand (COD)	none
Nitrogen Content (N)	112 g/kg
Phosphorous Content (P)	none

Pascal [%w/w]	Specific conductivity at 25°C [mS/cm]
0.5	15.6
1	29.4
2	58
3	84
4	111
5	133

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

Pascal 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 Pascal = titre (mls) x 0.13 %v/v Pascal = titre (mls) x 0.10

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