

# 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

1. Highly effective in removing most inorganic scale deposits, improving operational efficiency.
2. Can be used for the passivation of new stainless steel CIP and Bottlewashing installations.
3. Reduced amounts of nitrous oxides when handling and using the product, improving operator safety.
4. 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.

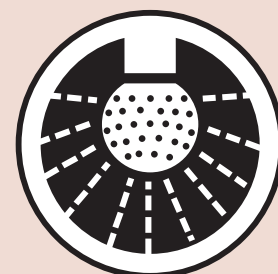
N.B. The exact concentration, time and temperature when using **Pascal** will depend upon the application.

All detergents and disinfectants should be thoroughly rinsed after use to remove them from all food and beverage contact surfaces.

### 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

# VA5



Diverflow™

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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

Test method is available on request.

### For More Information

Please contact your local JohnsonDiversey representative.

### JohnsonDiversey India Pvt. Ltd.

A-8, Laxmi Towers, Bandra-Kurla Complex, Mumbai 400 051. INDIA Tel.: +91 22 5644 4222, Fax: +91 22 5644 4223

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