

## JohnsonDiversey Bruspray Acid

### Defoamed heavy duty acidic detergent descaler

# VA19

#### Description

**Bruspray Acid** is a defoamed, heavy duty, phosphoric acid based liquid detergent descaler, for use in a wide range of applications across all Food & Beverage applications.

#### Key properties

**Bruspray Acid** is defoamed at ambient temperatures and is suitable for CIP recovery systems and general spray washing applications.

**Bruspray Acid** is highly acidic and effective at removing inorganic soils, proteins & starch.

**Bruspray Acid** is a conductive liquid detergent and suitable for automatic dosing and control.

#### Benefits

- Highly effective at removing most inorganic scale deposits, improving operational efficiency.
- Defoamed at ambient temperatures provides improved cleaning performance under conditions of high pressure and turbulence.
- Suitable for automatic dosing and control by conductivity, ensuring consistent delivery of product.

#### Use instructions

Typical use concentrations for **Bruspray Acid** are 1 – 3%w/w (0.7 – 2.1%v/v) depending on the level of soil.

**Bruspray Acid** containing solutions should be thoroughly rinsed after use to remove them from all food and beverage contact surfaces.

#### Technical data

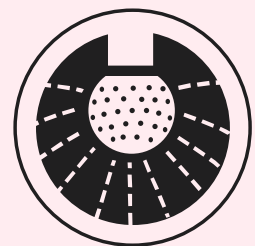
Appearance	clear, colourless liquid
Relative density at 20°C	1.39
pH (1 % solution at 20°C)	2
Chemical Oxygen Demand (COD)	23 gO <sub>2</sub> /kg
Nitrogen Content (N)	none
Phosphorous Content (P)	173 g/kg

<b>Bruspray Acid</b> [% w/w]	Specific conductivity at 25°C [mS/cm]
0.5	4.9
1	7.0
2	11.5
3	15.4
4	18.6
5	21.9

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.



**Diverflow™**

## JohnsonDiversey Bruspray Acid

### Product compatibility

**Bruspray Acid** 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 **Bruspray Acid** = titre (mls) x 0.093  
% v/v **Bruspray Acid** = titre (mls) x 0.066

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