

Divosan BG

Heavy duty acidic descaling disinfectant

Description

Divosan BG is a concentrated acidic descaling disinfectant for CIP and spray wash applications in the dairy and processed food industries.

Key properties

Divosan BG has low foam characteristics making the product ideal for CIP use

Divosan BG is highly effective at removing inorganic scale deposits, including calcium phosphate

Divosan BG can reduce the number of steps required by combining descaling and disinfection

Divosan BG solutions can be reclaimed and reused

Divosan BG is effective against a wide range of spoilage organisms

Divosan BG has free rinsing characteristics reducing rinsing time

Divosan BG concentrations can be measured by conductivity

Divosan BG is highly economical

Divosan BG is free of oxidising halogens, no AOX or halide related corrosion

Divosan BG is free of phosphate and is fully biodegradable

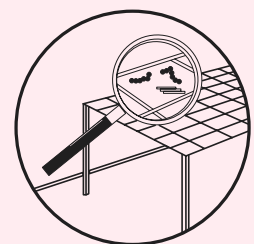
Benefits

- Ensures equipment hygiene and product quality assurance
- Reduces cleaning times and utility usage, increasing production capacity whilst reducing total costs
- Low environmental impact, particularly suitable where phosphate restrictions apply
- Product reclaim lowers usage rates and effluent discharge volumes
- Suitable for automatic dosing and control by conductivity, ensuring consistent delivery of product and performance

Use instructions

Divosan BG should be used at concentrations between 0.5 – 3.0 % w/w (0.4 – 2.3 % v/v) at 65 - 75°C, dependent on soil loading and application. Always rinse thoroughly after use.

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Divosan™

Divosan BG

Technical data

Appearance	clear, colourless liquid
Relative Density at 20°C	1.32
pH (1% solution at 20°C)	1.3
Chemical Oxygen Demand (COD)	22 gO ₂ /kg
Nitrogen Content (N)	112 g/kg
Phosphorus Content (P)	none

Divosan BG [% w/w]	Specific conductivity at 25°C [mS/cm]
0.5	16.0
1.0	30.7
2.0	58.4
3.0	89.0
4.0	116
5.0	144

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, away from extremes of temperatures. Full guidance on the handling and disposal of this product is provided in a separate Material Safety Data Sheet.

Product compatibility

Divosan BG is safe for use on the materials commonly found in the beverage and food industry when applied under the recommended conditions. Always rinse surfaces thoroughly after use.

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 ml of the test solution. Titrate with the caustic to a red end point.
Calculation:	% w/w Divosan BG = titre (ml) x 0.117 % v/v Divosan BG = titre (ml) x 0.089

**JohnsonDiversey European
Headquarters**, WTC Amsterdam
Airport, Tower B, 8th Floor Schipol
Boulevard 209, Luchthaven Schipol, The
Netherlands 1118 BH
www.johnsondiversev.com