Divosan Forte

Disinfectant based on 15% peracetic acid

VT6

Description

Divosan Forte is a high-activity oxidising disinfectant based on peracetic acid for use in the food, beverage and dairy industries.

Key properties

Divosan Forte is a stabilised peracetic acid solution (15%) which is non-foaming and completely free-rinsing. It is a highly effective disinfectant against all types of micro-organisms including bacteria, yeasts, fungi, spores and viruses.
Divosan Forte is specifically formulated as a terminal disinfectant for use in automated CIP systems. It also has excellent deodorising and stain removal properties.
Divosan Forte is designed for automatic injection using suitable CIP dosing equipment.

Benefits

- Highly concentrated product for optimum cost-effectiveness
- Versatile and effective CIP disinfectant, can be used in breweries, dairies, soft drinks plants and throughout the processed food industry
- Powerful oxidising action also assists stain removal and deodorises
- Free-rinsing and non-tainting ensures safe for all food applications
- Low environmental impact, breaks down to materials that are innocuous for waste water treatment
- Suitable for use in soft or hard water

Use instructions

Use **Divosan Forte** at concentrations between 0.04-2% w/w (0.03-1.8% v/v) depending on application. Always rinse thoroughly after use. For specific details, please refer to individual method cards.

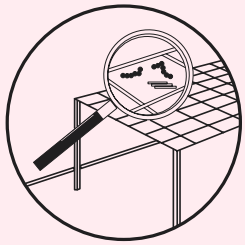
Technical data

Appearance	clear, colourless liquid
Relative Density at 20°C	1.15
pH (1% solution at 20°C)	3.0
Chemical Oxygen Demand (COD)	none
Nitrogen Content (N)	none
Phosphorous Content (P)	< 0.1 g/kg

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



Divosan™

Divosan Forte

Product compatibility

Divosan Forte when applied at the recommended concentration and temperature is suitable for use on the grades of stainless steel commonly found in the processed food industry. It is unsuitable for use on cuprous materials and on soft metals such as aluminium. Always rinse surfaces after use (within 1 hour).

Test method

Reagents:	0.1N Potassium permanganate 0.1N Sodium thiosulphate Potassium iodide (10%) Sulphuric acid (25%)
Procedure:	If the sample which contains peracetic acid is warm, put it in an ice bath to cool down until room temperature (20°C). For more accurate results and repeatability cooling the test solutions to 4 to 8 degrees will help. Higher temperatures of the sample can lead to an error in the peracetic acid determination. Add 5 ml of sulphuric acid solution to 50 ml of test solution. Titrate with the potassium permanganate solution until a faint pink colour persists (add the titrant quickly at the beginning and slowly towards the end of titration). Then add 10 ml potassium iodide solution (the solution turns into the orange-brown colour) and titrate with sodium thiosulphate until colourless.
Calculation:	% w/w **Divosan Forte** = titre (ml) x 0.05 ppm peracetic acid (PAA) = titre (ml) x 76

Microbiological data

EN 1276: passed at 0.0375% dilution in hard water (300ppm as CaCO3), no soil and 5 minutes contact time.
EN 1650 (yeast): passed at 0.35% dilution in hard water (300ppm as CaCO3), low soil (0.03% bovine albumin) and 15 minutes contact time.
EN 1650 (Aspergillus): passed at 2% dilution in hard water (300ppm as CaCO3), low soil (0.03% bovine albumin) and 15 minutes contact time.

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