

Divosan OSA-N VS37

Phosphate free acidic detergent disinfectant / terminal disinfectant for CIP applications

VS37

Description

Divosan OSA - N is a concentrated low foaming phosphate free acidic detergent disinfectant / terminal disinfectant for CIP applications in the brewing, beverage, dairy and processed food industries

Key properties

Divosan OSA – N has low foam characteristics making the product ideal for CIP use

Divosan OSA – N provides effective detergency for single stage cleaning in many scenarios

Divosan OSA – N is effective against a wide range of spoilage organisms including yeast, bacteria and mould

Divosan OSA – N is highly effective at removing inorganic scale deposits, including calcium phosphate and calcium oxalate

Divosan OSA – N has free rinsing characteristics reducing rinsing time

Divosan OSA – N concentrations can be measured by conductivity

Divosan OSA – N solutions can be reclaimed and reused

Divosan OSA – N is effective at low temperatures

Divosan OSA – N can be used in carbon dioxide atmospheres without evacuation

Divosan OSA – N has shown not to have any effect on beer head retention at recommended use concentrations

Divosan OSA – N is safe on epoxy lined vessels

Divosan OSA – N is free of oxidising halogens, no AOX or halide related corrosion

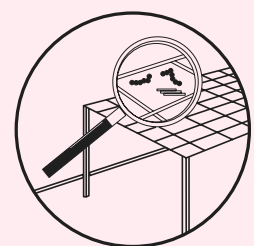
Divosan OSA – N is free of phosphate and is fully biodegradable

Benefits

- Provides effective cleaning and or disinfection, ensuring equipment hygiene and product quality assurance
- Suitable for single stage cleaning and disinfection in many scenarios reducing cleaning times and utility usage, increasing production capacity whilst reducing total costs
- Suitable for use at ambient temperatures in many scenarios, reducing utility costs and heat stress
- Reduced corrosion potential and thermal stress minimises maintenance requirements
- Low environmental impact, particularly suitable where phosphate restrictions apply
- Effective in carbon dioxide environments reducing total cleaning time and gas replacement costs
- 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 OSA – N should be used at concentrations between 0.6 – 1.7% w/w (0.5 – 1.5% v/v), dependent on soil loading, temperature and application. Always rinse thoroughly after use.



Divosan™

Technical data

Appearance	Clear colourless liquid
Relative Density at 20°C	1.15
pH (1% solution at 20°C)	1.6
Chemical Oxygen Demand (COD)	303 gO ₂ /kg
Nitrogen Content (N)	42 g/kg
Phosphorus Content (P)	none

Divosan OSA – N	Specific conductivity at 25°C
[% w/w]	[mS/cm]
0.5	6.1
1.0	11.6
1.5	17.1
2.0	23.1

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.

For professional use only

Product compatibility

Divosan OSA – N 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 Bromophenol blue Indicator
Procedure:	Add 2-3 drops of the Indicator solution to 10 ml of the test solution. Titrate with the caustic to a blue end point.
Calculation:	% w/w Divosan OSA – N = titre (ml) x 0.31 % v/v Divosan OSA – N = titre (ml) x 0.27

Microbiological data

EN1276 bactericidal suspension test; passed at 0.5% dilution in hard water (300ppm as CaCO₃), 0.3% bovine albumen (high soil) and 5 minute contact time.

EN13697 bactericidal non-porous surface test; passed at 1.5% dilution in hard water (300ppm as CaCO₃), 0.3% bovine albumen and 5 minute contact time.

EN1276 suspension test; passed against *Lactobacillus brevis* at 0.5% dilution in hard water (300ppm as CaCO₃), 0.3% bovine albumen (high soil) and 5 minute contact time.

EN13697; passed against *Lactobacillus brevis* at 1.5% dilution in hard water (300ppm as CaCO₃), 0.3% bovine albumin and 5 minute contact time.

EN1650 fungicidal suspension test; passed against *Candida albicans* at 1.5% dilution in hard water (300ppm as CaCO₃), 0.3% bovine albumin and 15 minute contact time.

EN1650; passed against *Saccharomyces cerevisiae* at 1.0% dilution in hard water (300ppm as CaCO₃), 0.3% bovine albumin and 15 minute contact time.

Available pack sizes

Pack size

20Lt

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