



F&B Diverspray

VC13

Low foam, blended caustic detergent for food & beverage CIP

Description

Diverspray is a heavy duty, soft water tolerant, low foaming liquid caustic detergent for dairy CIP. Diverspray can be used for a wide range of applications throughout the food & beverage industries.

Key properties

- Diverspray is a highly caustic liquid low foaming CIP detergent suitable for soft water.
- Diverspray is highly effective at removing a wide range of organic soils and preventing scale build up.
- Diverspray can be used for dairy CIP two stage cleaning when followed by an acid.
- Diverspray provides a high source of alkalinity.
- Diverspray is low foaming and suitable for use in CIP applications under conditions of high pressure and turbulence.
- Diverspray is suitable for automatic dosing and control by conductivity.

Benefits

- Gives highly cost effective cleaning performance.
- Assists detergency in dairy CIP applications, ensuring product integrity.
- Enhances effectiveness of cleaning operations, improving productivity and quality.
- Single blended product, reducing application complexity.
- Suitable for automatic dosing and control by conductivity, ensuring constant delivery of product and reproducible cleaning results.
- Low foaming and suitable for use in CIP applications under conditions of high pressure and turbulence improving operational efficiency.

Use instructions

Diverspray is used at 1.5-5% w/w (1-3.4% v/v) at temperatures ranging from 70-140°C depending upon application and soil type.

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





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Technical data

Appearance:	Clear, colourless liquid
pH value (neat):	> 11
pH (1% solution at 20°C):	~ 13
Relative density (g/cm ³ ; 20°C):	≈ 1.48
Chemical Oxygen Demand [COD] (gO ₂ /kg):	1
Nitrogen Content [N] (g/kg):	0.2
Phosphorous Content [P] (g/kg):	1

Diverspray (% w/w)	Specific Conductivity at 25°C (mS/cm)
0.5	12.6
1	24.8
2	48
3	69
4	89
5	110

The above data is typical of normal production and should not be taken as a specification.

Safe handling and storage information

Full guidance on the handling and disposal of this product is provided in a separate Safety Data Sheet; sds.diversey.com. Store in original closed containers away from sunlight and extremes of temperature.

Product compatibility

Diverspray 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 Hydrochloric or sulphuric acid Phenolphthalein indicator

Procedure

Add 2-3 drops of the indicator solution to 10 ml of the test solution. Titrate with the acid to a colourless end point.

Calculation

% w/w Diverspray = titre (ml) x 0.09

% v/v Diverspray = titre (ml) x 0.061

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