

SMS defoamed silicated alkaline CIP detergent

Description

Cipsafe is a low foaming, soft metal safe, medium hard water tolerant alkaline detergent for use in CIP and spray washing applications in the food and beverage industries.

Cipsafe is suitable for CIP of aluminium vessels in the brewing industry.

Key properties

- Cipsafe provides soft metal safe protection for spray washing and CIP applications across all food and beverage industries.
- Cipsafe is suitable for CIP under conditions of high turbulence.
- Cipsafe is highly efficient in the removal of different types of soil from aluminium vessels.
- Cipsafe can be used for ðboil-outsí of pasteurisers and warmers in the brewing and beverage industry.

Benefits

- As it is silicated, the product is ideal for use on aluminium and other soft metal equipment, leaving surfaces free of corrosion/pitting, prolonging equipment life.
- Low foaming under high turbulence makes it easier to rinse and improves cleaning efficiency.
- Medium hard water tolerant, preventing scale build up and improving operational efficiency.

Use instructions

Cipsafe is used at 1-4% w/w (0.8-3.2% v/v) at 60°C depending upon the application and the degree of soiling.

Cipsafe provides optimum performance and defoaming above 40°C.

Cipsafe containing solutions should be rinsed thoroughly from all surfaces after cleaning, to ensure potential staining is eliminated.



Diverflow™

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Technical data

Appearance	Clear, colourless liquid
Relative density (20°C)	1.26
pH neat	12
Chemical Oxygen Demand (COD)	171,4 gO ₂ /kg
Nitrogen Content (N)	5 g/kg
Phosphorous Content (P)	None

Cipsafe [% w/w]	Specific conductivity at 25°C [mS/cm]
0.5	3.3
1	5.7
2	11.3
3	16.2
4	21.6
5	25.2

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 extreme temperatures. Full guidance on the handling and disposal of this product is provided in a separate Safety Data Sheet.

Product compatibility

Cipsafe 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 20 ml of the test solution. Titrate with the acid to a colourless end point.
Calculation:	% w/w Cipsafe = titre (ml) x 0.18 % v/v Cipsafe = titre (ml) x 0.14