



F&B Diverfoam SMS Chlor

VF18

Chlorinated foam cleaner, soft metal safe, non-silicated

Description

Diverfoam SMS Chlor is a chlorinated alkaline foam cleaner designed for daily use in the food, beverage and dairy industries.

Key properties

- Diverfoam SMS Chlor contains a unique blend of ingredients including inhibited alkalis and a chelating agent, high-foaming surfactants and hypochlorite. Its special non-silicated formulation helps to inhibit corrosion of soft metals, such as aluminium. It does not leave any unsightly, difficult to remove deposits that can sometimes arise through the repeated use of silicated foam cleaners.
- Diverfoam SMS Chlor is effective on a wide range of food soils including animal and vegetable fats, blood and proteins. In addition, the presence of hypochlorite assists removal of organic and vegetable-based stains and helps to prevent build-up of 'protein film' deposits.
- Diverfoam SMS Chlor is suitable for use with a wide range of foam application equipment. It can also be used in automated foaming systems for exterior filler cleaning.

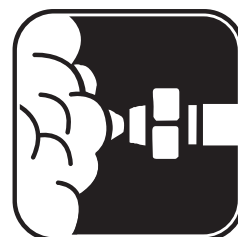
Benefits

- Effective on all types of food soiling
- Assists stain removal
- Suitable for use on soft metals
- Non-silicated formulation
- Free-rinsing

Use instructions

Use Diverfoam SMS Chlor at concentrations between 2-5% v/v depending on the type and degree of soiling and type of surface to be cleaned. For aluminium surfaces use concentrations between 2-3% v/v.

Always rinse surfaces thoroughly after use (within 1 hour).





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Technical data

Appearance: Clear, pale brown liquid

pH (1% solution at 20°C): 11.2

Relative density (20°C): 1.13

Chemical Oxygen Demand (COD): 137 gO₂/kg

Nitrogen Content (N): 2 g/kg

Phosphorous Content (P): 6.9 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, away from sunlight and extreme temperatures. Keep away from acids. Full guidance on the handling and disposal of this product is provided in a separate Safety Data Sheet.

Product compatibility

Diverfoam SMS Chlor contains an inhibitor that makes it suitable for use on materials commonly found in the processed food industry, including soft metals such as aluminium, when applied at the recommended concentration and temperature. It is recommended to avoid the use of deionized water. Always rinse surfaces thoroughly after use (within 1 hour). 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

0.1 N Sodium thiosulphate

Phenolphthalein indicator

Procedure:

Add 10 ml of 0.1 N sodium thiosulphate to 50 ml of the test solution, mix well and allow to stand for about 30 seconds, add 2-3 drops of the indicator solution and titrate with the acid to a colourless end point.

Calculation:

% v/v Diverfoam SMS Chlor = titre (ml) x 0,49

% w/v Diverfoam SMS Chlor = titre (ml) x 0,56

% w/w Diverfoam SMS Chlor = titre (ml) x 0,56