

Divoflow 50

Low foam, heavy duty caustic detergent

Description

Divoflow 50 is a heavy duty, low foam, formulated liquid caustic detergent for CIP, bottlewashing and smoke chamber cleaning.

Key properties

- Divoflow 50 is highly effective at removing a wide range of organic soils and preventing scale build up.
- Divoflow 50 can be used in all food and beverage applications, where high causticity and scale inhibition is required.
- Divoflow 50 can be used for a wide range of applications in the brewing industry, including CIP of brewhouse, heat exchangers, pipelines, fillers and kegs.
- Divoflow 50 is suitable for two stage CIP cleaning in dairies, as well as processed food applications e.g. CIP of evaporators processing tomatoes juice and fryer boil-outs.
- Divoflow 50 is highly effective for the CIP of smoke chambers where there are no high-pressure spray nozzles, leaving the surfaces clean.

Benefits

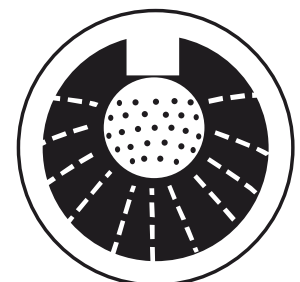
- Highly effective detergent for cleaning smoke chambers with low pressure CIP systems.
- Gives highly cost effective cleaning performance.
- Highly versatile product that can be used across most food and beverage applications.
- Suitable for automatic dosing and control by conductivity, ensuring consistent delivery of product and reproducible results.
- Helps prevent scale build up, improving operational efficiency.
- Single blended product reducing application complexity.

Use instructions

Divoflow 50 is used at 0.7-7% w/w (0.5-5% v/v) at temperatures ranging from ambient to 80°C, depending upon application, soil type and water hardness, or up to 140°C for UHT applications.

Divoflow 50 containing solutions should be thoroughly rinsed after use to remove them from all food and beverage contact surfaces.

VC99



Diverflow™

Divoflow 50 VC99

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Technical data

Appearance	Slight hazy, colourless liquid
Relative density at 20°C	1.49
pH (1% solution at 20°C)	13
Chemical Oxygen Demand (COD)	13.5 gO ₂ /kg
Nitrogen Content (N)	0 g/kg
Phosphorous Content (P)	0.5 g/kg

Divoflow 50 [% w/w]	Specific conductivity at 25°C [mS/cm]
0.5	12.7
1	24.4
2	46.5
3	66.2
4	85.8
5	106.0
6	124.2
7	143.5

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 an approved bulk tank, away from extreme temperatures. Full guidance on the handling and disposal of this product is provided in a separate Safety Data Sheet.

Product compatibility

Divoflow 50 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 Divoflow 50 = titre (ml) x 0.092 % v/v Divoflow 50 = titre (ml) x 0.062