

CAFLON DET95

Caflon DET95 is a highly concentrated easy to handle liquid blend of anionic and non-ionic surfactants, developed for the manufacture of good quality dishwashing liquids, general purpose detergents and speciality cleaners. When diluted to below 16% in water it does not require the corrosive pictogram under CLP.

Applications

Detergents based on Caflon DET95 have the following advantages for both our customers and the end consumer:

- Excellent flash foaming characteristics
- Exceptional cleaning
- Ease of dilution
- Effective thickening with salt even at low active level (7-10%)
- Does not require the corrosive pictogram under CLP at dilution levels up to 16% in water
- Cost effectiveness compared to other blends with much lower active concentrations
- Maximum utilisation of the warehousing and bulk storage tanks
- Savings on transport, administrative and labour costs due to less concentrate needing to be handled

Methods of use

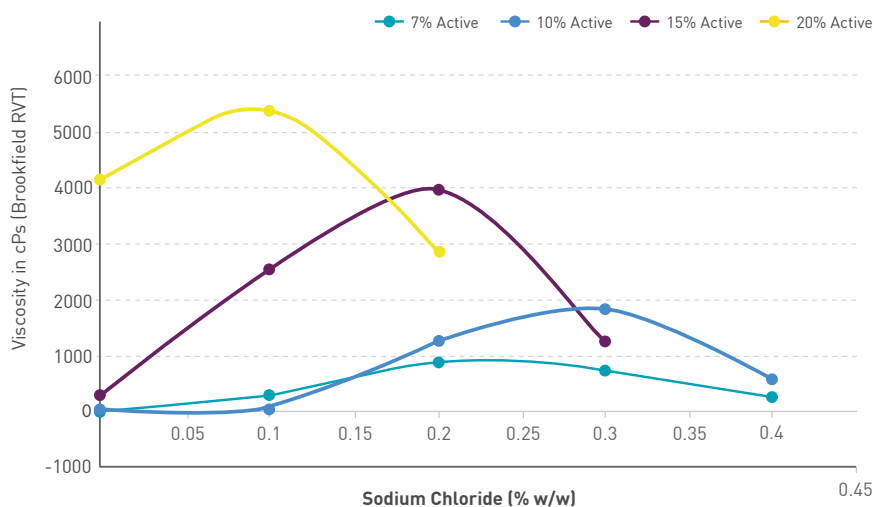
Caflon DET95 can simply be diluted with water to the desired actives level, without the need for specialised mixing or blending equipment as it does not exhibit a gel phase in water. Finished product can be dyed and perfumed but it is advisable to test for compatibility before full-scale production.

Dilutions of Caflon DET95 should be preserved by the addition of a suitable preservative, e.g. 0.1% Caflon BIT. The use of a sequestering agent (e.g. Caflon EDTA) may be required at low active levels (approx. <10%); this should be added to the dilution water before the addition of Caflon DET95.

Viscosity characteristics

Small amounts of sodium chloride should be added to dilutions in the range 7% to 20% active matter to achieve typical detergent formulation viscosities. This is unlikely to be necessary for more concentrated detergents.

Caflon DET 95 - Salt Curve



CLP Labelling

Caflon DET95 has undergone in-vitro testing according to OECD 438 and it has been shown that at a 16% dilution level in water, it does not cause serious eye damage and therefore does not require the H318 classification and associated corrosive pictogram. The report from this work is available upon request.

TYPICAL PROPERTIES

Appearance at 20°C	Clear homogenous amber liquid
pH (10% w/w Aqueous solution)	8.5
Active Content	95%
Pour Point	<0°C
Water content	5%
Specific Gravity at 20°C	1.07
Viscosity at 20°C	2800 cps

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