

VENTO DISTRIBUTOR

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823E

SILICONE ANTIFOAM EMULSION

Product description

823 E is a low to medium viscous, highly effective silicone antifoam emulsion, especially for the use in pulp mills, pesticide, oilfield,...

Special features

823 E is characterised by:

- very good knock-down efficiency
- very good long-term efficiency
- complies to different FDA-paragraphs and BfR recommendation

Application

823E acts primarily as an antifoam agent and drainage aid and may be added at various stages during the manufacturing process.

823 E is mainly applied to pulp - washing and screening processes, but is also effective during bleaching and in waste water treatment.

Processing

The emulsion should be added undiluted, as it is already sufficiently dispersed by its emulsion form. If a pre-dilution still should be necessary, we recommend dilutions with cold water in proportions of 3 parts emulsion : 1 part of water to max. 1 part emulsion : 1 part of water. Sufficient quality of this pre-dilution should be checked by previous trials in laboratory scale. For manufacture of the pre-dilution add first the emulsion and then add the water under

weak stirring. The ready-made dilution has to be agitated 2 to 3 times a day for 15 to 20 min by weak stirring and should be processed within few days. For more detailed information about the handling and storage of 823 E emulsions please see our brochure - Solutions for the unique demands of pulping".

Storage

The 'Best use before end' date of each batch is shown on the product label.

Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

Additional information

Legal regulations

823E complies with the FDA-paragraphs §176.170, 176.180 and 176.210 (defoaming agents used in the manufacture of paper and paperboard) and the BfR recommendation XXXVI

Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request

Typical general characteristics

Appearance
Viscosity, dynamic at 25 °C
Type of Emulsion
Solid content
Density at 20 °C, at 1013 hPa
Diluent
Required dosage

Inspection Method Value

visual check	milky white
BROOKFIELD	approx. 2000 mPa.s
	o/w, non-ionic
microwave oven	approx. 23 %
DIN 51757	approx. 1,0 g/cm ³
	water
	0,1 - 1,0 [kg / t pulp] but depends greatly on the medium to be defoamed and on the process
	approx. 6 at 25 °C
Indicator strips	

pH-Value

These figures are only intended as a guide and should not be used in preparing specifications.

Product origin : EU

Packing 200kgs/drum