SILFOAM® SE 40

Silicone Antifoam Emulsions

SILFOAM® SE 40 is a relatively heat-resistant, viscous, non-ionic antifoam emulsion.

Properties

Conventional defoaming emulsions often form slightly oily deposits under the effect of heat during use. SILFOAM® SE 40 , on the other hand, is extremely stable, even at temperatures around boiling point.

Special features

- Defoaming
- Dilutable with water

Technical data

General Characteristics

Property	Condition	Value	Method
Active ingredients content	-	approx. 10 %	-
Appearance	-	milky, white	-
Density	20 °C	approx. 1 g/cm^3	DIN 51757
Ionogenity	-	nonionic	-
Recommend dosage	-	0.05 - 15 g/l	-
Solid content	-	approx. 15 %	-
Viscosity, dynamic	25 °C	approx. 2000 - 7000 mPa·s	-
pH	-	6 - 8	-

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

Applications

- Antifoams for Textile Finishing

Application details

SILFOAM® SE 40 is usually admixed with the formulations or liquors to be defoamed before the process begins, and extra may be added as necessary during the course of the process. To improve the accuracy of metering, SILFOAM® SE 40 can be prediluted with cold water in a ratio of 1:5 to 1:10. Preliminary tests should be carried out to ensure that SILFOAM® SE 40 is suitable for the application and to determine the amount required.

SILFOAM® SE 40 can be used in closed systems at a pH of between 3 an 11, and from ambient temperature up to 130 °C. SILFOAM® SE 40 is therefore generally recommended for critical systems, especially high-temperature and jet dyeing systems, in which it acts as a foam suppressant and deaeration agent. Apart from textile applications, it can also be used in processes that would be contaminated by the oily deposits formed when conventional antifoam agents are subject to effects such as heat, shearing or general compatibility problems.

Packaging and storage

Packaging

SILFOAM® SE 40 is available in
- 200 kg drums
- 950 kg IBC

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.

Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site http://www.wacker.com.

QR Code SILFOAM® SE 40

For technical, quality or product safety questions, please contact:

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