

SILFOAM[®] SE 2263



Silicone Fluid Emulsions, functional

SILFOAM[®] SE 2263 is a low to medium viscous, water-dispersible antifoam emulsion that is based on an organomodified polysiloxane.

Properties

SILFOAM[®] SE 2263 prevents foaming (act as an antifoam) and destroys existing foam (acts as defoamer) in a large number of aqueous systems.

It is ideal for systems in which silicones would usually cause problems:

- PVC degassing
- Manufacture and processing of polymer dispersions for textiles, paper, paints and surface coatings, as well as adhesives
- Cooling lubricants
- Textile formulations

Technical data

General Characteristics

Property	Condition	Value	Method
Emulsifier type	-	o/w, nonionic to slight anionic	-
Colour	-	white	-
Density	20 °C 1013 hPa	1.0 g/cm ³	DIN 51757
Diluent	-	water	-
Form	-	Emulsion	-
Viscosity, dynamic	25 °C Brookfield, spindle 3 / 10 rpm	2500 mPa·s	Brookfield
pH	20 °C	5	Indicator strips

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

All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

Application details

In general we recommend stirring the emulsion before use (approx. 3 minutes with a propeller stirrer at 200 – 400 rpm). But be cautious: too high shear can break the emulsion.

The typical dosage is in the range of 0.05 to 1.0 % and is best determined by preliminary tests.

SILFOAM® SE 2263 can be dosed undiluted, as it is already sufficiently dispersed by its emulsion form.

If the use of SILFOAM® SE 2263 should be necessary in diluted form, we recommend preparing dilutions by stirring SILFOAM® SE 2263 gently into cold water.

Dilute solutions should be used up quickly as the more dilute they are, the sooner they tend to separate.

A 1:1 aqueous dilution remains stable for several days.

Packaging and storage

Storage

Minimum temperature allowed during storage and transportation:

0 °C

Maximum temperature allowed during storage and transportation:

40 °C

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 2263



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

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