

SILFOAM[®] SE 4260



Silicone Antifoam Emulsions

SILFOAM[®] SE 4260 is a silicone antifoam emulsion which is especially designed for applications in cold climates. It shows an extended frost stability and can be applied at temperatures below 0 °C.

Properties

SILFOAM[®] SE 4260 can be applied in a broad range of applications.

In particular it is used in the oil & gas industry for drilling fluids.

SILFOAM[®] SE 4260 is applicable as internal antifoam agent in the drilling fluid to control foam.

It is also applicable as defoamer for addition on-demand.

Technical data

General Characteristics

Property	Condition	Value	Method
Appearance	-	white	ASTM D 624
Active ingredients	-	44.0 %	-
Density	20 °C 1013 hPa	1.05 g/cm ³	DIN 51757
Emulsifier type	-	o/w, nonionic	-
Solid content	-	53.0 - 58.0 %	-
Viscosity, dynamic	25 °C Brookfield, spindle 1 / 50 rpm	500 - 1000 mPa·s	-
pH	25 °C	4.0 - 7.0	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

After extended storage or if visible separation occurs, we recommend briefly stirring the product.

As a guideline, we suggest a stirring time of 10–30 minutes at a speed of 200 rpm.

Excessive shear should be avoided, as high shear forces may cause the emulsion to break.

Preliminary compatibility and stability tests should be performed on the system to be defoamed.

The amount to add to liquid formulations depends on the desired degree of foam control, but usually is between 0.1 and 2%.

If feed pumps are used, they should be of the low shear-force type.

Packaging and storage

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 4260



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

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