

SILFOAM[®] SD 670



Self-Dispersing Silicone Antifoam Concentrates

SILFOAM[®] SD 670 is an anhydrous antifoam agent based on organofunctional silicone fluids which exhibit a high compatibility with organic systems. SILFOAM[®] SD 670 is a self-dispersing product which spontaneously forms a fine dispersion when added to water.

Properties

Specific features

- Self-dispersing Product

Technical data

General Characteristics

Property	Condition	Value	Method
Active content	-	100 %	-
Density	20 °C	approx. 0.985 g/cm ³	DIN 51757
Refractive index	25 °C	approx. 1.439	DIN 51423
Viscosity, dynamic	25 °C	10 - 300 mPa·s	-

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.

Applications

- Agricultural Solutions

Application details

Application

Basically, SILFOAM® SD 670 is recommended for all organic systems that require a highly compatible antifoam agent. Thus, it is ideal for applications in which silicones would usually cause problems, e. g., printing inks, adhesives, and water miscible cooling lubricants.

It is particularly recommended for systems with a high surfactant content or which entail high shear forces, e. g., the incorporation of pigments into dispersions. In those systems purely organic defoamers rapidly become ineffective. SILFOAM® SD 670 also serves as an antifoam agent for strongly foaming, fine particle rich suspensions and in the production of redispersible powders.

Processing

The exact dosage must be determined in preliminary tests. We recommend starting with amounts between 0.05% and 0.3%.

Generally, the product should be added as it is, as its self-dispersing properties will usually ensure an adequate and homogeneous distribution.

If SILFOAM® SD 670 is diluted with water, the resultant dispersion must be used quickly.

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® SD 670



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

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