

# SILFOAM<sup>®</sup> SE 1661



## Silicone Antifoam Emulsions

SILFOAM<sup>®</sup> SE 1661 is a medium viscous, water dilutable antifoam emulsion of good storage stability with a nonionic emulsifier system.

## Properties

### Specific features

- Additive
- Defoaming
- Emulsions
- FDA registered
- Food-contact
- Liquid

## Technical data

### General Characteristics

Property	Condition	Value	Method
Appearance and color	-	milky, white	-
Density	20 °C	approx. 1 g/cm <sup>3</sup>	DIN 51757
Emulsifier type	-	o/w, nonionic	-
Solids content	-	approx. 16 %	-
Viscosity, dynamic	25 °C	approx. 3000 - 13000 mPa·s	Brookfield
pH	20 °C	approx. 3 - 6	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

### Application

SILFOAM® SE 1661 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

Due to its raw material composition, SILFOAM® SE 1661 is suitable for direct food contact and as a processing aid in fermentation processes.

SILFOAM® SE 1661 shows a very good foam control performance in plant protection formulations (e.g. in surfactant rich agrochemical formulations).

**Processing** 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. SILFOAM® SE 1661 is best added as it is. Metering pumps should have low shear stress. The amounts added usually are in the range from 0.02 to 0.5 %. However, the optimum dosage should be determined in preliminary tests.

## 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 1661



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

**Wacker Chemie AG**, Hanns-Seidel-Platz 4, 81737 Munich, Germany  
[info@wacker.com](mailto:info@wacker.com), [www.wacker.com](http://www.wacker.com)

The data presented in this medium are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this medium should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.