

# SILFOAM<sup>®</sup> SC 125



## Silicone Antifoam Compound

SILFOAM<sup>®</sup> SC 125 is an anhydrous, comparatively low-viscosity antifoam compound for laundry detergents. Because of its low viscosity, SILFOAM<sup>®</sup> SC 125 is easier to handle than high-viscosity grades.

## Technical data

### General Characteristics

Property	Condition	Value	Method
Active ingredients content	-	100 %	-
Appearance	-	opaque, colorless, oily	-
Density	25 °C	1 g/cm <sup>3</sup>	DIN 51757
Viscosity, dynamic	25 °C   Brookfield, spindle 2 / 2,5 rpm	2000 - 6000 mPa·s	Brookfield

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

- Household & Cleaning Solutions

## Application details

SILFOAM® SC 125 is added to laundry detergents by the following methods and for the following purposes:

- Deaerating slurries: To remove gases from a detergent slurry, and optimize slurry transfer from the feed tank to the spray tower, SILFOAM® SC 125 is added to the slurry batch to achieve good deaeration in general.
- Suppressing foam in powder detergents: In the preparation of low-foam detergents, 5-10% SILFOAM® SC 125 is adsorbed onto a powdery carrier. 2-4% of this premix is added to the finished detergent to obtain good foam suppression.
- Foaming of structured liquid detergents can also be suppressed by the addition of SILFOAM® SC 125. If SILFOAM® SC 125 is not sufficiently compatible, we can recommend specialty products.

\*Processing:\*

SILFOAM® SC 125 is added directly to the slurry in the feed tank at the end of the slurry degassing process to suppress the foam and also deaerate the slurry in the intermediate tank.

To regulate foaming in laundry detergents, SILFOAM® SC 125 is usually incorporated (in an amount of 5-10%) into a powdery premix and the latter is then mixed into the powder detergent at the end of the manufacturing process (amount required: 2-4% premix).

The foaming of filled and structured liquid detergents can be regulated by admixing SILFOAM® SC 125. If SILFOAM® SC 125 is not sufficiently compatible, we can recommend specialty products.

Recommend dosages:

- powder detergent: ca. 0.5%
- structured liquid detergent: ca. 0.2 - 0.6%
- slurry deaeration: ca. 0.02 - 0.1%

## 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® SC 125



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

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