

# SILFOAM<sup>®</sup> SD 168



## Self-Dispersing Silicone Antifoam Concentrates

SILFOAM<sup>®</sup> SD 168 is a very compatible, anhydrous antifoam agent that is easily dispersible. SILFOAM<sup>®</sup> SD 168 is intended for incorporation into non-structured liquid detergents for foam control and polymer dispersions (latices) in order for deaeration.

## Technical data

### General Characteristics

Property	Condition	Value	Method
Active ingredients content (incl. organic auxiliaries)	-	100 %	-
Appearance	-	slightly opaque, colorless	-
Density	25 °C	approx. 0.96 g/cm <sup>3</sup>	DIN 12791
Flash point	-	75 °C	ISO 2719
Refractive index	25 °C	1.42 - 1.43	DIN 51423
Viscosity, dynamic	25 °C   Brookfield, spindle 2 / 50 rpm	400 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

- Antifoams for Household & Cleaning

## Application details

By virtue of its chemical structure, SILFOAM® SD 168 is capable of regulating surfactant-based formulations, in particular liquid detergents insufficient alkali resistance or rapid loss of effect are significantly reduced. Its principal areas of application are in non-structured liquid detergents and cleaners.

When introduced into dispersions SILFOAM® SD 168 shows relatively good compatibility with the polymer film and high efficiency during storage, especially at higher temperatures. Typical applications of SILFOAM® SD 168 are all kinds of dispersions, especially for the construction industry, masonry paints and adhesives.

### Processing

SILFOAM® SD 168 is usually added undiluted to the foaming formulation in amounts of 0.2 - 1.0% at the end of the product formulation stage. SILFOAM® SD 168 usually disperses without the need for high shearing forces and is stirred in gently.

We recommend conducting compatibility tests before the antifoam agent is incorporated into a liquid formulation or dispersion. Approx. 0.5 % SILFOAM® SD 168 is gently stirred into a small amount of the foaming medium. If the mixture does not separate, SILFOAM® SD 168 can be subjected to further application 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® SD 168



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

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