

# SILFOAM<sup>®</sup> SD 986



## Silicone Antifoam Concentrates

SILFOAM<sup>®</sup> SD 986 is a low viscous antifoam solution containing a low proportion of a highly viscous silicone fluid. The dimethylpolysiloxane contained in SILFOAM<sup>®</sup> SD 986 has a strong defoaming effect in numerous mineral oil products as well as in other non-aqueous systems, due to its low surface tension and good spreading ability.

## Properties

SILFOAM<sup>®</sup> SD 986 can be used in a variety of different applications, e. g. in applications in the oil field (crude oil / natural gas separators), in refinery processes (visbreaking, coking), in foaming distillation processes and in other foaming, non-aqueous formulations.

Often, just a few ppm of SILFOAM<sup>®</sup> SD 986 will be sufficient for effective foam destruction.

## Technical data

### General Characteristics

Property	Condition	Value	Method
Appearance	-	colorless, clear	-
Density	25 °C	0.76 - 0.80 g/cm <sup>3</sup>	-
Flash point	-	62 °C	ISO 2719
Ignition temperature	-	240 °C	DIN 51794
Refractive index	25.0 °C	approx. 1.430	DIN 51423
Required dosage	-	2 - 100 ppm	-
Silicon content	-	approx. 2.3 wt. %	-
Solid content	200 °C   15 min   1 g	approx. 6 %	-
Viscosity, kinematic	25 °C	3 - 10 mm <sup>2</sup> /s	DIN 51562

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

- Oil & Gas
- Oil & Gas

## Application details

The required dosage is between 2 and 100 ppm and depends mainly on the medium to be defoamed and on the process.

To avoid overdosage and to ensure rapid dispersion and thus high effectiveness, it is advisable to further dilute the solution.

SILFOAM® SD 986 is soluble in a 1:10 dilution in: kerosene, gas oil, middle distillate, white spirit, petroleum ether, chlorinated hydrocarbons, chlorofluorohydrocarbons, ethyl acetate, methyl isobutyl ketone.

SILFOAM® SD 986 is insoluble in a 1:10 dilution in: water, alcohol, glycol, glycerine, cyclohexanone, acetone.

## 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 986



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

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