

SILFOAM[®] SC 201

Silicone Antifoam Compound

SILFOAM[®] SC 201 is a 100% active, low viscosity, silicone defoamer compound based on Wacker's innovative polysiloxane and silica technology. It is highly efficient to control foam longer than most conventional defoamers in high alkaline and high temperature applications.

SILFOAM[®] SC 201 can be used directly to control foam in oil or solvent based foaming systems. It can also be easily emulsified into an emulsion for defoaming in aqueous based foaming systems.

SILFOAM[®] SC 201 is certified as Kosher. It is suitable for use in indirect food contact and secondary direct food additive applications listed under FDA 21 CFR 176.170; 176.180; 176.200; 176.210; 175.300; 177.2600; 178.3400; and 173.340. Some of the listed applications have regulatory limitations, please contact your Wacker Sales Representative for further information.

SILFOAM[®] SC 201 is also registered by NSF to Category Code 3D (as a fruit and vegetable washing product) and Q5 (for use as a foam control agent in egg washing machines). Please refer to the NSF sections for further guidelines on these applications.

Technical data

General Characteristics

Property	Condition	Value	Method
Viscosity, dynamic	25 °C	approx. 1500 cP	WSTM 3342
Active content	-	100 %	-
Appearance	-	Opaque, white to light gray	WSTM 3043
Dosage up-limit if used as secondary direct food additive applications	-	10 ppm	-

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

SILFOAM® SC 201 can be used in various Food, Industrial, and Consumer applications. Some of the applications have regulatory limitations, please contact your Wacker Sales Representative for further information.

SILFOAM® SC 201 is most efficient if introduced into the system before foaming has begun.

SILFOAM® SC 201 may be introduced as is, or by dispersing in one or more of the ingredients of the system in which foam is to be controlled. It also can be pre-dispersed in an appropriate solvent and then add this dispersion to the foaming system. The solvent used for dilution could be:

- Aromatic hydrocarbons – toluene
- Aliphatic hydrocarbons – mineral spirits, t-butanol
- Esters

Note: If solvents are used to aid dispersing the SILFOAM® SC 201, the FDA and contact sanctioning becomes null and void.

Prior to use, it is recommended that SILFOAM® SC 201 be stirred under low shear for a few minutes before using. This will ensure that the fillers are completely dispersed in the material.

Packaging and storage

Storage

The "Best use before end date" of each batch is shown on the Certificate of Analysis. Storage beyond the date specified on the Certificate of Analysis 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

For specific information regarding safe handling of this material, please refer to the Safety Data Sheet.

QR Code SILFOAM® SC 201



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

Wacker Chemie AG, Hanns-Seidel-Platz 4, 81737 Munich, Germany
productinformation@wacker.com, 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.