

SILFOAM[®] SE 2660 SIMETH. EM



Silicone Antifoam Emulsions

SILFOAM[®] SE 2660 SIMETH.EM is a medium to high viscous antifoam emulsion with a wide variety of applications.

Technical data

General Characteristics

Property	Condition	Value	Method
Active ingredients ("Simethicone", USP/EP)	-	< 20 %	-
Appearance	-	milky	-
Density	20 °C	1 g/cm ³	DIN 51757
Diluent	-	water	-
Emulsifier type	-	nonionic	-
Solids content	-	approx. 23 %	-
Type of Emulsion	-	o/w - emulsion	-
pH	20 °C	3.0 - 5.0	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.

Applications

- Food

Application details

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.

The antifoam emulsion is best added undiluted. If it is necessary to dilute it before use a dilution in a ratio of 1 : 1 to 1 : 5 with water is recommended. Dilutions should be used within several days. Dosage-pumps should not have high shear forces. The typical dosage is in the range of 0.01 to 0.5 % and is best determined by preliminary tests. The respective food regulations must be followed.

Due to the ingredients contained, SILFOAM® SE 2660 SIMETH.EM is recommended for food and food contact applications.

Application information

Regulatory Status Europe

1. Use for food processing Europe:

SILFOAM® SE 2660 SIMETH.EM is a silicone fluid emulsion based on E 900 and may only be used as a processing aid for food.

Therefore, it has to be ensured by the producer of the foodstuff, that only technically unavoidable traces of SILFOAM® SE 2660 SIMETH.EM remain in the final food.

2. Contact with food:

The ingredients of SILFOAM® SE 2660 SIMETH.EM are contained in the positive lists of the following regulations for essential commodities intended to come into contact with food:

Germany:

Recommendations of the BfR:

XIV. Plastics Dispersions

XXXVI: Paper and Board for Food Contact

Europe:

Regulation (EU) No. 10/2011 superseding Directive 2002/72/EC.

USA:

FDA 21 CFR:

§175.105 ADHESIVES

§175.300 RESINOUS AND POLYMERIC COATINGS

§176.170 COMPONENTS OF PAPER AND PAPERBOARD IN CONTACT WITH AQUEOUS AND FATTY FOODS

§176.180 COMPONENTS OF PAPER AND PAPERBOARD IN CONTACT WITH DRY FOOD

§176.200 DEFOAMING AGENTS USED IN COATINGS

§176.210 DEFOAMING AGENTS USED IN THE MANUFACTURE OF PAPER AND PAPERBOARD

3. FIFRA:

SILFOAM® SE 2660 SIMETH.EM also meets the criteria for an "Exemption from Tolerance" under 40 CFR § 180.910 and 180.920 pre- and post-harvest.

4. GMO-status:

SILFOAM® SE 2660 SIMETH.EM does not contain genetically modified organisms.

Regulatory sanctioning of the ingredients in a product does not imply that the finished product manufactured from those ingredients is considered safe by regulatory bodies. Responsibility for compliance with specific limits e.g. on migration/ extraction resides with the manufacturer of the finished product.

Further trials and information on potential restrictions, please see the datasheet on Regulatory Product Information.

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 2660 SIMETH.EM



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

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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.