

SILFAR[®] S 188



Silicone Antifoam Concentrates

SILFAR[®] S 188 is a 100% silicone antifoam agent specifically developed for the pharmaceutical and the food processing industries.

Technical data

General Characteristics

Property	Condition	Value	Method
Active Ingredient ("Simethicone", USP/EP)	-	100 %	-
Appearance	-	viscous, greyish-white, opalescent liquid	-
Density	25 °C	approx. 1 g/cm ³	-
Volatility	-	max. 1.0 %	-

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
- Pharma

Application details

1. Pharmaceutical use

SILFAR® S 188 complies with the requirements set down in the monographs "Simeticone (EP)" and "Simethicone (USP)". SILFAR® S 188 is produced under cGMP and is suitable for use as an active pharmaceutical ingredient (API) e.g. in antifatulence and antacid preparations.

It works by acting as an antifoam agent to prevent or relieve flatulence in the alimentary canal and by forming a protective lining on e.g. the gastric mucous membrane.

It is often combined with fermentation preparations. When administered to patients, preparations containing the antifoam SILFAR® S 188 eliminate any flatulence that might hinder X-ray, ultrasonic or gastroscopic examinations. SILFAR® S 188 may be used to make tablets and coated tablets.

SILFAR® S 188 is also antifoam in fermentation and downstream processes, such as active-ingredient extraction and solvent recovery, especially when USP/EP compliant products are mandatory. SILFAR® S 188 is readily sterilized by heat.

2. Use in Food Processing

SILFAR® S 188 is a silicone compound based on E 900 and E 551 and may be used in Europe only as a processing aid for food. Therefore, it has to be ensured by the producer of the foodstuff that only technically unavoidable traces of the product remain in the final food.

In the food industry, SILFAR® S 188 is primarily used when foaming lipophilic systems are present (i.e. for foam control in foodstuffs containing vegetable oils, fats).

Furthermore, SILFAR® S 188 is a base material for the production of food-compatible antifoam agents.

3. Contact with Food

SILFAR® S 188 complies with the Recommendations of the BfR concerning the manufacture of essential commodities that have contact with food "XV. Silicones".

SILFAR® S 188 is suitable for use under the following section(s) of Title 21 of the Code of Federal Regulations

§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

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 details and information on potential restrictions please see the datasheet on Regulatory Product Information.

4. Use in Agrochemical Formulations

SILFAR® S 188 and its components meet the criteria for an exemption from the requirements of a tolerance when used as an additive in pesticide formulations to be applied to growing crops or raw agricultural commodities after harvest as specified in 40 CFR 180.950 and 180.960.

National regulations applicable in the countries concerned must be observed.

Packaging and storage

Storage

Further information for storage: Keep container tightly closed. Store container(s) at room temperature in a dry, well-ventilated place.

Storage beyond the shelf life 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.

Slight sediment may form. This does not change the product quality itself; In this case we recommend the thorough homogenization of the material by stirring.

Shelf life: 720 days

Additional information

Produced according ISO 9001, ISO 14001

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 SILFAR® S 188



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

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