

SILFAR[®] 100



Silicone Fluid Antifoam Agents

SILFAR[®] 100 is a polydimethylsiloxane obtained by hydrolysis and polycondensation of dichlorodimethyl-silane and chlorotrimethylsilane. The degree of polymerization (n) is such that the mean kinematic viscosity is 100mm²/s at 25°C.



Properties

SILFAR[®] 100 complies with the requirements set down in the monographs Dimeticone (EP) and "Dimethicone" (USP / NF). Wacker explicitly rules out the use of SILFAR[®] 100 for parenteral applications.

National regulations applicable in the countries concerned must be observed.

Technical data

General Characteristics

Property	Condition	Value	Method
Acidity (direct titration)	-	max. 5 mg/kg	-
Appearance	-	clear, colorless and odorless	-
Density	25 °C	0.962 - 0.970 g/cm ³	DIN 51757
Refractive index 25 °C	25 °C	1.402 - 1.404	-
Solidifying point	-	approx. -55 °C	-
Viscosity, kinematic	25 °C	95 - 105 mm ² /s	DIN 53018
Volatility	-	max. 0.3 %	USP

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

- Pharma

Application details

SILFAR® 100 is used predominantly in the pharmaceutical sector e.g. as an basic raw material in pharmaceutical formulations.

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.

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® 100



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

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