

PULPSIL[®] 968 S

Functional Silicone Fluids

PULPSIL[®] 968 S is a water dispersible, hydrolytically stable silicone surfactant based on a polyethermodified silicone fluid.

Technical data

General Characteristics

Property	Condition	Value	Method
Appearance and color	-	slightly brownish fluid	visual check
Cloud Point (17% in a 25% aqueous solution of diethylene glycol monobutylether)	-	approx. 19 °C	DIN EN 1890; Method E
Density	25 °C 1013 hPa	1.01 g/cm ³	-
Flash point	-	> 110 °C	ISO 3679
Ignition temperature	-	375 °C	DIN 51794
Refractive index	25 °C	approx. 1.4480	DIN 51428
Solubility in ethanol	25 °C 10 %	soluble	-
Solubility in isopropyl myristate	25 °C 10 %	soluble	-
Solubility in paraffinum subliquiddum	25 °C 10 %	insoluble	-
Solubility in water	25 °C 10 %	dispersible	-
Viscosity, dynamic	25 °C	approx. 6000 mPa·s	Brookfield

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

- Paper & Packaging
- Pulp Solutions

Application details

PULPSIL® 968 S was developed for application in pulp and paper industry.

PULPSIL® 968 S:

- enhances the efficiency of paper deaerators at a dosage of 1.0 - 10.0 % referred to solid material of deaerator.
- improves the drainage / deaerating in the pulp process at following dosage levels:

hardwood: 8 to 50 ppm referred to fibres

softwood: 8 to 100 ppm referred to fibres

- works itself as a booster for pulp-defoamers above its cloud point at a dosage of 2.0 - 20 % referred to active material of defoamer.

The best dispersibility PULPSIL® 968 S in water can be achieved by using high shear forces (e.g. turrax or dissolver). At low shear forces (e.g. stirrer) we recommend to start with water and then to add PULPSIL® 968 S while stirring continuously. Stir the mixture for at least 1 hour. The aqueous mixture separates after a few days. We therefore recommend temporary stirring at a high shear force (3 times a day for 20 minutes at 500 rpm).

Packaging and storage

Storage

Store in a dry and cool place.

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 PULPSIL® 968 S



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

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