

LIOSIL[®] FC 201 E



Silicone Fluid Emulsions, functional

LIOSIL[®] FC 201 E is a nonionic 60% Polysiloxan emulsion for fabric softeners. LIOSIL[®] FC 201 E is a one-component system which is cross-linking at higher temperatures. Therefore LIOSIL[®] FC 201 E protects textiles, especially cotton-polyester union cloth, for wrinkles and improves handle and easy ironing properties.

Properties

Specific features

- Emulsions
- Technical grade

Technical data

General Characteristics

Property	Condition	Value	Method
pH	-	6 - 9	Indicator strips
Emulsifier type	-	nonionic	-
Active ingredients content	-	approx. 60 %	-
Solids content	-	approx. 66 %	Microwave oven
Active substance	-	aminofunctional polysiloxane	-
Appearance	-	milky-white	-
Ionogenicity	-	Nonionic	-

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

- Protect & Care

Application details

LIOSIL® FC 201 E is combined with conventional fabric softeners.

Due to the special composition LIOSIL® FC 201 E is polymerizing to a high molecular polysiloxane while ironing. The fabrics get elastic shape stability and therefore a protection against wrinkles.

Even without ironing LIOSIL® FC 201 E improves the softness of fabrics.

Additionally LIOSIL® FC 201 E reduces the friction force of the iron and therefore the ironing properties are improved significantly.

Processing

Preferably LIOSIL® FC 201 E is mixed with the fabric softener at the end of fabric softener production by stirring gently.

Example for a fabric softener with LIOSIL® FC 201 E:

- 20,0 parts esterquat, e.g. Stepantex VK 90 (50°C) are poured slowly in
- 74,6 parts demineralized water (50°C) while stirring until the mixture is homogenous.
- 0,4 parts CaCl² solution (25%) are added
- q.s. perfume, dye, preservative are added
- 5 parts LIOSIL® FC 201 E are mixed while stirring.

Dosage recommendation: Approx. 3 - 9 % LIOSIL® FC 201 E in the fabric softener formulation.

The dosage of LIOSIL® FC 201 E in the fabric softener depends on the desired effects.

As desired the amount of the organic softener can be reduced with the rising amount of LIOSIL® FC 201 E.

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 LIOSIL® FC 201 E



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

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