LIOSIL® FC 207 E

Silicone Fluid Emulsions, functional

LIOSIL® FC 207 E is a nonionic micro emulsion of an aminomodified silicone fluid, especially for fabric softeners.

Technical data

General Characteristics

Property	Condition	Value	Method
pH	-	3.5 - 6.5	Indicator strips
Emulsifier type	-	nonionic	-
Active ingredients content	-	approx. 34 %	-
Solid content	-	approx. 50 %	Microwave oven
Appearance	-	clear, opaque	-
Ionogenity	-	Nonionic	-
pH	-	approx. 3.5 - 6.5	Indicator strips

These figures are only intended as a guide and should not be used in preparing specifications.

Applications

- Protect & Care

Application details

LIOSIL® FC 207 E can be combined with conventional fabric softeners and improves the properties of the rinse cycle softener.
LIOSIL® FC 207 E can be easy formulated into esterquat based fabric softeners.
LIOSIL® FC 207 E improves the softening efficacy of fabric softeners and the fabrics get a significant softer and pleasant touch.
Additionally LIOSIL® FC 207 E reduces the friction forces of the iron and therefore ironing properties are improved significantly.

Processing:
Preferably LIOSIL® FC 207 E is mixed into the fabric softener at the end of the formulation process by gently stirring.

Example for a fabric softener with LIOSIL® FC 207 E:

- 20,0 parts esterquat, e.g. Stepantex VK 90 (50°C) are poured slowly into
- 75,6 parts demineralized water (50°C) while stirring until the mixture is homogenous.
- 0,4 parts $CaCl^2$ solution (25%) are added
- q.s. perfume, dye, preservative are added
- 4 parts LIOSIL® FC 207 E are mixed while stirring

Dosage recommendation: ca. 3 - 6 % LIOSIL® FC 207 E in the fabric softener formulation
The dosage of LIOSIL® FC 207 E in the fabric softener depends on the expected effects.
The level of organic softener can be reduced in favor of LIOSIL® FC 207 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 207 E

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

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