



WACKER® FC 218

SILICONE SOFTENER EMULSION

Product description

WACKER® FC 218 is a nonionic macro emulsion of a reactive, aminofunctional silicone fluid, especially for fabric softeners.

Application

WACKER® FC 218 is combined with conventional fabric softeners and improves the properties of the fabric softeners. WACKER® FC 218 is easy to mix with fabric softeners. WACKER® FC 218 improves the softening efficacy of fabric softeners and the fabrics get a significant softer and pleasant touch. With WACKER® FC 218 the hydrophilicity is increased. Additionally WACKER® FC 218 reduces the friction forces of the iron and therefore the ironing properties are improved significantly.

Processing

- Preferably WACKER® FC 218 is mixed into the fabric softener at the end of the formulation process by gently stirring.
- Example for a fabric softener with WACKER® FC 218:
 20,0 parts esterquat, e.g. Stepantex VK 90 (50°C) are poured slowly into
 77,6 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;
- 2 parts WACKER® FC 218 are mixed while stirring;
- Dosage recommendation:
 Ca. 1 - 3 % WACKER® FC 218
 in the fabric softener formulation;

The dosage of WACKER® FC 218 in the fabric softener depends on the expected effects. The level of organic softener can be reduced in favor of WACKER® FC 218.

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>.

Product data

Typical general characteristics	Inspection Method	Value
Appearance		milky white
Solids content	microwave oven	approx. 40
pH-Value		approx. 6
Ionogenicity		nonionic

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



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The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the products for a particular purpose.

The management system has been certified according to DIN EN ISO 9001 and DIN EN ISO 14001

WACKER is a trademark of Wacker Chemie AG.

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

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