

WETSOFT® CTA

Functional Silicone Fluids

WETSOFT® CTA is a self-dispersible aminofunctional silicone fluid with polyether groups.

Properties

WETSOFT® CTA can be applied alone in diluted form or blended with organic softeners to impart hydrophilic properties to fibers and textiles. Before mixing with organic softeners, a compatibility test is recommended.

Specific features

- Dilutable with water

Technical data

General Characteristics

Property	Condition	Value	Method
Amine number	-	approx. 0.2 ml 1 N HCl/g	-
Solid content	200 °C 2 h 5 g	min. 97 %	specific method
Viscosity, dynamic ⁽¹⁾	-	2000 - 5000 mPa·s	Brookfield
Appearance	-	clear to slightly turbid yellowish fluid	-

¹acc. ISO 2555

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

- Softeners & Hydrophilic Softeners
- Textile Finishing

Application details

WETSOFT® CTA can be applied as an aqueous dilution by padding as well as by the exhaust process.

10 - 20g/l WETSOFT® CTA are recommended for the padding application.

WETSOFT® CTA can easily be processed into stable emulsions. To do so, just mix WETSOFT® CTA with acetic acid and then stir with water. After mixing for about ten minutes, a milky emulsion is obtained. For easier incorporation of water and better stability of the end product, co-emulsifiers, e.g. diethylene glycol, propylene glycol, or glycerol, can be used.

Typical emulsion recipe:

20.0 parts WETSOFT® CTA

0.5 parts glacial acetic acid

7.0 parts diethylene glycol monobutylether

Mix these components homogeneously. Stir in 72.5 parts of water to obtain a stable microemulsion.

Packaging and storage

Packaging

WETSOFT® CTA is available in

- 200 kg drum
- 950 kg IBC

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 WETSOFT® CTA



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

Wacker Chemie AG, Gisela-Stein-Strasse 1, 81671 Munich, Germany
productinformation@wacker.com, www.wacker.com

The data presented in this medium 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 medium 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 information provided by us does 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 product for a particular purpose.