

WETSOFT® NE 500

Silicone Fluid Emulsions, functional

WETSOFT® NE 500 is a nonionic, hydrophilic emulsion concentrate that yields a stable semi-macro emulsion upon simple 1:1 dilution with cold water.

Properties

WETSOFT® NE 500 imparts a pleasant, soft, supple hand to woven and knitted fabrics as well as to towels. Furthermore finishing with WETSOFT® NE 500 improves the moisture management of the treated textiles. Additionally wash-and-wear properties and the crease recovery angle, sewability and tear strength are increased and abrasion loss is reduced. WETSOFT® NE 500 has only very little effect on whiteness. It does not generally affect the color shade or fastness of colored goods.

Technical data

General Characteristics

| Property | Condition | Value | Method |
|--------------------------------------|-----------|---------------------------|------------------|
| pH at 25 °C 50g/l H ₂ O | - | 6 | Indicator strips |
| Solid content | - | approx. 50 % | Microwave oven |
| Appearance | - | Slightly hazy, colourless | - |
| Ionogenity | - | 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.

Observe local/state/federal regulations.

Applications

- Softeners & Hydrophilic Softeners
- Textile Finishing

Application details

Application:

WETSOFT® NE 500 is used for hydrophilic treatment of all kinds of fibers and textiles.

It is recommended to dilute the product 1:1 with water in order to obtain a ready-to-use silicone emulsion of 25% solid content.

WETSOFT® NE 500 is suitable for padding and exhaust application under common conditions. It can be used on its own or together with organic fabric softeners, polyethylene waxes and other finishing agents. The individual compatibility should be tested on a case-by-case basis.

Processing:

For padding it is recommended to use 10 to 30 g/l of the 1:1 diluted WETSOFT® NE 500.

In case of direct use without prior dilution, the bath concentration of WETSOFT® NE 500 should be 5 to 15 g/l.

For exhaust application with a liquor ratio of 1:20, WETSOFT® NE 500 should be applied at 3% by weight of fabric.

Packaging and storage

Packaging

- 0,5 kg bottle
- 25 kg hobbock
- 140 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® NE 500



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

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