

# WETSOFT® NE 430

## Silicone Fluid Emulsions, functional

WETSOFT® NE 430 is a nonionic macro emulsion concentrate of a self dispersing hydrophilic silicone fluid.

### Properties

By improving hand and because of its hydrophilic nature, WETSOFT® NE 430 considerably improves the wear comfort of textiles. Due to its macro character WETSOFT® NE 430 imparts a specially supple and surface oriented hand to all treated textiles.

The hydrophilic properties are the result of the special orientation of WETSOFT® NE 430 on the fiber surface. This allows unrestricted moisture transport within the fabric, together with the excellent hand that is generally associated with high-quality silicone fabric softeners. Due to the surface oriented silk like and supple softness effect it is particularly suitable for light woven and knit goods where hydrophilic properties are of importance. WETSOFT® NE 430 bonds more strongly to the fiber surface than glycol- and quat-functional polysiloxanes. This leads to better exhaustibility and wash resistance.

## Technical data

### General Characteristics

Property	Condition	Value	Method
Appearance	-	milky-white macro emulsion	-
Ionogenicity	-	Nonionic	-
Solid content	-	approx. 44 %	Microwave oven
pH	25 °C	6	Indicator strips

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

- Textile Finishing
- Softeners & Hydrophilic Softeners
- Textile & Leather
- Textiles & Leather

## Application details

WETSOFT® NE 430 is used for hydrophilic treatment of fibers and textiles of all kinds. On hydrophilic substrates such as cellulose, the hydrophilic properties are not usually affected, whereas hydrophobic substrates such as polyesters usually experience a clear improvement in wetting properties.

WETSOFT® NE 430 provides woven goods and knitwear with a silk-like soft, supple and smooth hand.

When applied under normal conditions, WETSOFT® NE 430 only has a slight effect on whiteness. It does not generally affect the color shade or fastness of colored goods.

WETSOFT® NE 430 is used for padding, in the exhaust process and can also be used on its own or together with organic fabric softeners, polyethylene waxes and other finishing agents. The compatibility should be tested on a case-by-case basis.

WETSOFT® NE 430 can be easily diluted with cold tap water in order to obtain hydrophilic macro emulsions of any desired concentration.

### Processing:

For padding it is recommended to use 10 to 20 g/l of WETSOFT® NE 430.

For the exhaust process, 1 to 2 % of WETSOFT® NE 430 is used, based on the weight of the textile.

## Packaging and storage

### Packaging

WETSOFT® NE 430 is available in

- 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 430



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

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