

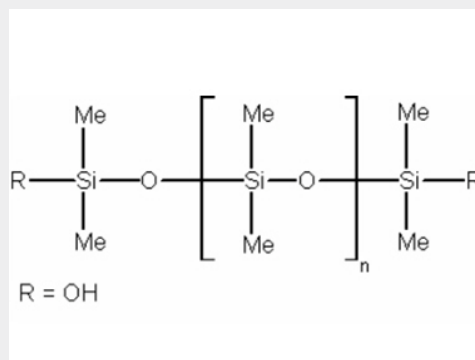
# BELSIL<sup>®</sup> DM 3560 VP



## Silicone Fluid Emulsions

BELSIL<sup>®</sup> DM 3560 VP is an anionic emulsion of a high-viscosity dimethiconol with very low particle size. The dimethiconol forms in-situ in the emulsion system and is adjusted to a viscosity of approx. 60000 mPas.

INCI Dimethiconol, Sodium Dodecylbenzenesulfonate, Trideceth-10



## Properties

BELSIL<sup>®</sup> DM 3560 VP is an effective conditioning agent for hair care products. The emulsion supports to leave hair silky and smooth after shampooing and to improve wet and dry combability.

BELSIL<sup>®</sup> DM 3560 VP can also be used in skin care formulations. There it serves as an alternative to low-viscosity DM fluids and is already effective at significantly reduced application quantities compared to the common dimethicone standards with viscosities in the range of 100 - 350 mm<sup>2</sup>/s.

# Technical data

## General Characteristics

Property	Condition	Value	Method
pH	25 °C	6.5 - 8.5	Indicator strips
Emulsifier type	-	-	-
Active substance content	-	approx. 35 %	-
Appearance	-	milky	-
Fluid viscosity	-	approx. 60000 mPa-s	-
INCI name	-	Dimethiconol, Sodium Dodecylbenzenesulfonate, Trideceth-10	-
Particle size	-	< 200 nm	-
Viscosity, dynamic	25 °C	15 - 40 mPa-s	not specified

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.

Protect against frost.

## Applications

- Conditioners
- Shampoos
- Skin Care

## Application details

BELSIL® DM 3560 VP is an excellent conditioning additive, especially when formulated into shampoo. It can also be used in rinse-off or leave-in conditioners.

BELSIL® DM 3560 VP can also be used in skin care formulations like lotions. If BELSIL® DM 3560 VP replaces standard Dimethicone fluids with viscosities 100 - 350 mm<sup>2</sup>/s, we recommend reducing the active silicone level in the formula up to 50% of the original dosage.

Processing:

- Recommended use levels of BELSIL® DM 3560 VP in Hair Care formulations are 2 - 6 %.
- The maximum dosage level of BELSIL® DM 3560 VP in Skin Care is 9.9 %.
- The emulsion needs to be stirred well before use.

## Packaging and storage

### Storage

Minimum temperature allowed during storage and transportation: 0 °C

Maximum temperature allowed during storage and transportation: 50 °C

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 BELSIL® DM 3560 VP



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

**Wacker Chemie AG**, Gisela-Stein-Strasse 1, 81671 Munich, Germany  
[productinformation@wacker.com](mailto:productinformation@wacker.com), [www.wacker.com](http://www.wacker.com)

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