

# BELSIL<sup>®</sup> DM 5102 E



## Silicone Fluid Emulsions

BELSIL<sup>®</sup> DM 5102 E is a non-ionic emulsion of a high-viscosity dimethicone.

INCI Dimethicone, Laureth-4, Laureth-23

## Properties

BELSIL<sup>®</sup> DM 5102 E is an effective conditioning agent for hair care products. BELSIL<sup>®</sup> DM 5102 E provides a soft, silky touch on natural and damaged hair and strongly reduces dry and wet combing forces and friction.

## Technical data

### General Characteristics

Property	Condition	Value	Method
Emulsifier type	-	non-ionic	-
Active ingredients content	-	approx. 50 %	-
Appearance and color	-	milky-white emulsion	-
Particle size	-	< 320 nm	-

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
- Hair Care
- Shampoos

## Application details

BELSIL® DM 5102 E is a valuable ingredient for shampoos with increased conditioning benefits. It can also be used in rinse-off conditioners and leave-in treatments like hair masks or leave-on sprays.

Processing:

- Recommended use levels of BELSIL® DM 5102 E in shampoo, conditioning and styling formulations are 1,5 % to 5 %.
- The emulsion needs to be stirred well before use.

## Packaging and storage

### Storage

Minimum temperature allowed during storage and transportation: 5 °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 5102 E



### 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)

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.