

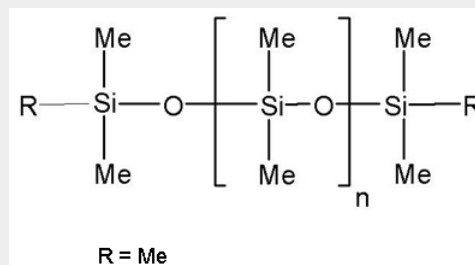
# BELSIL<sup>®</sup> DM 5



## Silicone Fluids (INCI)

BELSIL<sup>®</sup> DM 5 is a linear, non-reactive, unmodified polydimethylsiloxane. BELSIL<sup>®</sup> DM 5 is characterized by low surface tension and a high spreading coefficient. Due to their flexible polymer backbone, dimethicones have high permeability to gases (e.g. water vapor, oxygen), which allows respiration of the skin.

### INCI Dimethicone



## Technical data

### General Characteristics

Property	Condition	Value	Method
Aggregate state	-	liquid	-
Appearance	-	colorless, clear	-
Density	25 °C	approx. 0.92 g/cm <sup>3</sup>	DIN 51757
Flash point	-	130 °C	EN 22719
INCI name	-	Dimethicone	-
Ignition temperature	-	350 °C	EN 14522
Refractive index	20 °C	1.396	-
Surface tension	25 °C	0.019 N/m	Lit.
Viscosity, dynamic	25 °C	5 mPa·s	DIN 53019
Viscosity, kinematic	25 °C	approx. 5 mm <sup>2</sup> /s	DIN 53019

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

- Eye Make-up
- Lip Make-up
- Make-up
- Make-up Foundation
- Skin Care
- Sun Care

## Application details

BELSIL® DM 5 is widely used in a highly varied range of personal-care formulations. Formulations with BELSIL® DM 5 have better spreading properties and can be easily distributed on the skin. In these formulations, it imparts a hydrophobic, protective but breathable barrier to the skin, simultaneously minimizing stickiness. It reduces whitening and imparts a soft emolliency to the skin.

## Packaging and storage

### Storage

Maximum temperature allowed during storage and transportation: 50 °C

A temporary increase in temperature during transport does not impair quality. Actively cooled transport guide can be dispensed with.

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 5



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

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