

# Wacker-Belsil® DM 3096

Dimethicone, Dimethiconol

## Characteristics

Wacker-Belsil® DM 3096 is a blend of low viscosity dimethicones and a high molecular dimethiconol. Due to its composition, it combines the properties of the low viscosity fluid and the extremely high viscosity dimethiconol. The good spreading characteristic of low viscosity dimethicones allows a good distribution of the high viscosity conditioning agent dimethiconol.

## Applications

Wacker-Belsil DM 3096 is used in hair care and in skin care applications.

In skin care formulations, it provides a water-resistant, but breathable non-occlusive protective barrier. This provides good substantivity and fixation of active ingredients.

Use of Wacker-Belsil DM 3096 in hair care products yields sleek, shiny hair. Damaged hair regains a natural, healthy appearance. Wet and dry comb-ability are improved, and further damage to the hair cuticles is prevented.

## Storage

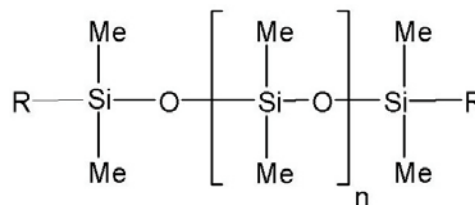
Wacker-Belsil DM 3096 has a shelf life of at least 12 months when stored between 5°C and 40°C in the tightly closed original container. The 'Best use before end' date of each batch appears on the product label.

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.

## Product data

Properties	Characteristics
Appearance	Clear, colorless
Viscosity, approx., [mm <sup>2</sup> /s]	5,200
Density at 25°C, approx., [g/cm <sup>3</sup> ]	0.95
Refractive index at 25°C approx.	1.399
Solids content, approx., [%]	12
INCI name	Dimethicone, Dimethiconol

## Chemical Structure



## Safety information

Detailed safety information is contained in each material data safety sheet, which can be obtained from our sales offices.

**Additional Information**

## Solubility

Ingredient	Wacker-Belsil DM 3096	Ingredient	Wacker-Belsil DM 3096
<b>Mineral Oil</b>		<b>Alcohols</b>	
C9-13 Isoparaffin	✓	Octyldodecanol	•
Mineral Oil, high-visc.	•	Oleyl Alcohol	•
Mineral Oil, low-visc.	•	Propylene Glycol	•
		Isopropanol	•
<b>Ester Oil</b>		<b>Alcohol</b>	
Ethyl Acetate	✓	Glycerin	•
C12-15 Alkyl Benzoate	•		
Isopropyl Myristate	✓	<b>Ketones</b>	
Oleyl Oleate	•	Benzophenone-3	•
Ethylhexyl Methoxycinnamate	P	4-Methylbenzylidene Camphor	P
Ethylhexyl Salicylate	✓		
<b>Triglycerides</b>		<b>Water</b>	
Castor Oil	•		•
Olive Oil	✓		
Wheatgerm Oil	✓		
Lanolin Oil	•		

✓ = Soluble (&gt; 10%)

P = Partially soluble (1 – 10%)

Δ = insoluble

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The data presented in this leaflet 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 leaflet 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 recommendations do 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 products for a particular purpose.

The management system has been certified according to ANSI/ISO/ASQ Q9001 and ANSI/ISO 14001.

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