

Wacker-Belsil® DMC 6038

Bis-PEG 15-Methyl Ether Dimethicone

Characteristics

Wacker-Belsil® DMC 6038 is a wax-like, water-dispersible dimethicone copolyol that exhibits good compatibility with polar ingredients.

Applications

Wacker-Belsil DMC 6038 is used in skin care and hair care formulations as well as in deodorants because of its good compatibility with other ingredients. Its low melting point improves the distribution of creams, lotions, deodorant sticks and roll-on deodorants.

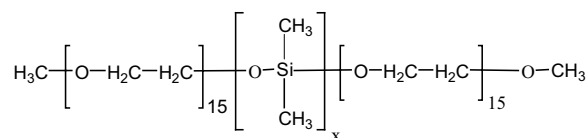
Wacker-Belsil DMC 6038 enhances the softening and moisturizing properties of the formulation. Besides offering the possibility of formulating clear products, Wacker-Belsil DMC 6038 exerts a profoaming effect in shower gels and shampoos, and enhances the softness of skin and hair.

Storage

Wacker-Belsil DMC 6038 has a shelf life of at least 12 months when stored at room temperature 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.

Chemical Structure



Safety Information

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

Product data

Properties	Characteristics
Appearance	White, opaque solid
Refractive index at 35°C, approx.	1.458
Melting point, approx., [°C]	25 – 35
Flash point, [°C]	241
INCI name	Bis-PEG 15-Methyl Ether Dimethicone

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Ingredient	Wacker-Belsil DMC 6038	Ingredient	Wacker-Belsil DMC 6038
Mineral Oil/Waxes		Water	D
C9-13 Isoparaffin	•		
Mineral Oil, high visc.	•	Emulsifiers/Ethoxylated Oils	
Mineral Oil, low visc.	•	PEG-75 Lanolin Oil	✓
		PEG-7 Glyceryl Cocoate	•
Ester Oils/Waxes		PPG-5-Laureth-5	✓
Ethyl Acetate	•		
C12-15 Alkyl Benzoate	•	Alcohols	
Isopropyl Myristate	•	Octyl Dodecanol	•
Decyl Oleate	•	Oleyl Alcohol	✓
Oleyl Oleate	•	Propylene Glycol	✓
		Isopropanol	✓
UV-Filters		Alcohol	✓
Ethylhexyl Methoxycinnamate	•	Glycerol	✓
Ethylhexyl Salicylate	✓		
Benzophenone-3	•	Silicone Fluids	
		Wacker-Belsil® CM 040	•
Triglycerides		Wacker-Belsil® DM 0.65	•
Castor Oil	✓	Wacker-Belsil® DM 100	•
Olive Oil	•	Wacker-Belsil® PDM 20, 200, 1000	•
Wheatgerm Oil	•		
Lanolin Oil	•		

✓ = Soluble (> 10%)

P = Partially soluble (1 – 10%)

Δ = insoluble

D = Dispersable

Additional Information

Compatibility

WACKER**SILICONES****Wacker-Belsil®**

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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