



## BRB 1735

INCI NAME: Cyclopentasiloxane (and) Cyclotetrasiloxane (and) Dimethiconol

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### Description

**BRB 1735** is a clear solution of ultrahigh viscosity dimethiconol fluid in a blend of cyclopentasiloxane and cyclotetrasiloxane.

### Application

**BRB 1735** is used in skin care formulations (creams, lotions, sunscreen and tanning products) as well as hair care.

### Features

- Improves substantivity of active ingredients
- Gives spreadability to any kind of formula
- Imparts a silky lubricious feel to the skin
- Provides water repellent to skin and hair, with non-occlusive film

### Benefits

- Imparts soft velvety skin feel
- Film forming, long lasting and resistant to wash-off
- Conditions hair, especially split ends

### Typical Data

Parameter	Unit	Value
Appearance		Clear to slightly hazy viscous liquid
Silicone content	%	100
Dimethiconol	%	13
Viscosity	mm <sup>2</sup> /s	5500
Specific gravity at 25° C		0.96

### How to Use

When using into an emulsion, **BRB 1735** can be incorporated directly into the oil phase. It is recommended to add it at temperature below 50°C and use a high shear mixer.

**BRB 1735** is soluble in isododecane, isopropyl myristate, dimethicone and phenyl trimethicone.

**BRB 1735** is partially compatible with ethanol, mineral oil, some organic oils (almond oil, jojoba oil) and esters (isopropyl palmitate, octyl palmitate).

**BRB 1735** is insoluble in water and propylene glycol.

A Product Safety Data Sheet should be obtained from your BRB office prior to use.

ATTENTION: Before handling, read product information, Product Safety Data Sheets and container labels for safe use, and any physical and/or health hazard information.