



BRB 423

INCI NAME: Cetyl PEG/PPG-10/1 Dimethicone

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Description

BRB 423 is an alkyl silicone polyether, specifically designed to produce water-in-oil emulsions

Application

The combination of both alkyl (hydrophobic) and polyether (hydrophilic) groups on a silicone backbone allows **BRB 423** to be an elegant non-ionic silicone emulsifier for skin, sun care, hair care and color cosmetic applications (creams, lotions, gel-creams, transparent emulsions and foundations)

Features and Benefits

- Low usage concentration of 1.5 - 3.0 %
- Provides light silky feel W/O emulsions, reducing heavy and sticky sensory feel.
- Great ability to emulsify esters, mineral and vegetable oils, waxes, butters and UV filters.
- Suitable for cold process

Typical Data

Parameter	Unit	Value
Appearance		Colorless to slightly yellow viscous liquid
Specific Gravity		0.94
Viscosity	cSt	1250
D4 content	%	< 0.1
Calculated HLB		5

How to Use

BRB 423 needs to be added in the oily phase. Water phase with 1% of electrolyte has to be incorporated slowly to the oil phase. Once emulsion is created, proceed to stir intensively.

BRB 423 can emulsify up to 30% of oily phase. For creamy texture, we recommend to include 20-25% of oily phase. For lotion texture, we recommend to include 25-30% oily phase.

BRB 423 is not water soluble.

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.

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Warranty: The information given in this product data sheet are believed to be fully accurate. However, BRB International BV shall not be liable for its content and make no warranty with respect thereto. For additional information we request you to contact BRB International BV or visit our web-site: www.brb-international.com