



Winter Luxury Cream

A water-in-silicone emulsion with elegant texture

Formulation Reference: TR 0100

Inside the Formulation

BRB 423

An alkyl silicone polyether, specifically designed to produce water-in-oil emulsions. 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)

BRB DM 5 & BRB DM 55

Dimethicone is an important ingredient in hand creams, skin protectants, suntan lotions and hair grooming aids because it forms a non greasy, protective film which resists water, yet it allows the skin to breathe.

BRB SG 350

a polyether modified silicone crosspolymer dispersed in a non-volatile low viscosity dimethicone. Beside the thickening properties of silicone crosspolymers, **BRB SG 350** is thanks to its polyether functionality an excellent emulsifier for W/Si (W/O) formulations.

Brontide BG

a naturally sourced ingredient designed for use as a humectant, preservative-booster, solubilizer, stabilizer. It also can be used to add texture to a lotion. It is made from a sustainable fermentation process which converts renewable plant sugars into highest purity butylene glycol.

GEOGARD® ECT

A preservative with a broad spectrum of activity with an effective pH range of between 3 and 8.



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Phase	Product Name	INCI	%-w/w	Supplier
A	BRB 423	CetylPEG/PPG-10/1 Dimethicone	3,00	BRB
A	BRB DM 5	Dimethicone	6,00	BRB
A	BRB DM 55	Dimethicone	5,00	BRB
A	BRB SG 350	Dimethicone(and) Dimethicone/PEG-10/15 Crosspolymer	3,00	BRB
B	demin. water	Aqua	up to 100	Local supplier
B	Sodium Chloride	Sodium Chloride	1,00	Local supplier
B	Brontide BG	Butylene Glycol	2,00	Genomatica
C	Geogard ECT	Benzyl Alcohol, Salicylic Acid, Sorbic Acid, and Glycerin	1,00	Lonza

Manufacturing Instructions

Add phase A ingredients into beaker and mix well.

In a separate beaker, add phase B ingredients and mix well.

Add phase B into phase A and homogenize well.

Add phase C into phase AB and mix well

Specification

Viscosity 500-1000 cPs

Ph NA

Stability Testing 2 months @5 C, 25 C and 40 C

Formulation developed by Azelis Personal Care



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growing together

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