



Super-Berry Daily Serum

Multi-purposes face serum is very concentrated and formulated to highly protect the skin against all types of environmental damages.

Inside the Formulation

BRONTIDE BIO-BG

Naturally sourced Brontide butylene glycol is a high-performance ingredient. It's a great humectant and boosts preservative efficacy. It also can be used to add texture to a lotion or be used as a stabilizer for extracts. Brontide is made from a sustainable fermentation process which converts renewable plant sugars into the world's highest purity butylene glycol, eliminating the need to use crude oil feedstock.

QUEMINA 21.257

QUEMINA 21.257 is an instant (= cold water swelling) waxy corn starch which is a special type of amylose-free corn starch consisting mainly of amylopectin. QUEMINA 21.257 features as rheology modifier and thickener.

GEOGARD ECT

Geogard® ECT preservative is a highly efficacious broad-spectrum antimicrobial, which was designed to protect the integrity of personal care products. It is comprised of several non-traditional ingredients, which have wide global approvals and are easy to use within formulation. ECOCERT/COSMOS-certified and NPA-accepted and vegan-compliant.

ACTIPHYTE™ ACAI BERRY GL 100 NP

Its omega fatty acids help revitalize dry skin, improving its hydration and maintaining a healthy looking skin. Its Vitamins A, C, and E aid in the regeneration of the skin, preventing early signs of aging and illuminating it.

POLYALDO 10-2-P

The natural polyglycerylester can replace various ethoxylated emulsifiers. In conjunction with Polyaldo® 6-2-S or alone; this versatile emulsifier is able to stabilize O/W-lotions and O/W-creams even at high electrolyte loadings; ECOCERT, NATRUE and Soil Association approved.

MARULA OIL

A high natural antioxidant content oil derived from Marula kernels. Marula Oil has also been found to significantly improve skin hydration and smoothness, showing that it is absorbed well through the skin. The combination of high nutritional value and excellent stability makes it an ideal choice for modern cosmetic formulas.

MACKADERM LIA

It's a silicone like sensorial profile and outstanding performance on dry state makes it suitable for hair care formulations. Moreover, it provides a light, non-greasy texture to the hair.



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ASTATROL HP

Increases skin's ability to resist environmental stripping of skin nutrients. Reduces puffiness and erythemas. Prevents and reduce the presence of wrinkles. Skin is firmer and more elastic, with increased moisture.

FIBROSILK POWDER

Fibro-Silk Powder is a film-forming, moisturizing silk protein fibre that is supplied in powder form. It has the ability to hold and retain moisture and to entrap oil. It will therefore find application in cosmetic formulations for oily skin. Despite its insolubility, silk can be incorporated into shampoos to enhance hair shine by dispersing Fibro-Silk Powder in the surfactant system.



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Formulation reference : 24082018.1

Phase	Raw Material	INCI	%w/w	Supplier
A	Brontide BIO-BG	Butylene Glycol	4.00	Genomatica
A	Quemina 21.257	Zea Mays (Corn) Starch	3.50	Agrana
A	Deionised Water	Aqua	73.56	
A	Geogard ECT	Benzyl Alcohol, Salicylic Acid, Sorbic Acid, Glycerin	1.00	Lonza
A	Actiphyte™ Acai Berry GL 100 NP	Glycerin, Aqua, Euterpe Oleacea Fruit Extract	3.00	Active Organics
B	Polyaldo 10-2-P	Polyglyceryl-10 Dipalmitate	4.50	Lonza
B		Cetearyl Alcohol	1.00	
B		Glyceryl Stearate	0.60	
B	Marula Oil	Sclerocarya Birrea Seed Oil	1.50	Lonza
B	Blanova Coconut Oil Fractionated	Cocos Nucifera Oil	2.00	Azelis
B	Mackaderm LIA	Isoamyl Laurate	3.00	Solvay
C	Prof. Rose Mist 236	Parfum	0.20	IFF
C	Astatrol HP	Haematococcus Pluvialis Extract, Caprylic/Capric Triglyceride, Tocopherol	0.001	Fuji
D	Fibro Silk Powder JP	Silk Powder	2.00	Lonza
D		Aqua, Sodium Hydroxide	0.14	

Manufacturing Instructions

- Mix the components of PHASE A, until dispersion, then heating at 70-75°C.
- Premix the components of PHASE B by heating at 70-75°C.
- Add PHASE B into PHASE A and emulsifier for 20 minutes, then cool.
- Premix the components of PHASE C, once reached 30°C add them into PHASE AB, mix until uniformity.
- Finally adjust pH.

Specification

pH	6.47
Stability Testing	@40°C: 3 months; @25°C: 3 months; @5°C: 3 months
Viscosity	3540 cPs (spindle 3; 10 rpm) Brookfield DV-1, 1 minute @ 25°C
Appearance	Peach serum

Formulation developed by Azelis Personal Care



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Disclaimer: Sample formulations are provided for your convenience but Azelis Personal Care does not warrant their merchantability, fitness for use, performance, safety, microbiological profile or freedom from patent infringement. They are not commercial formulations and have not been subjected to extensive testing. It is your responsibility to thoroughly test any formulations before use. All warranties, indemnities or liabilities implied or expressed by law are hereby excluded by Azelis Personal Care to the fullest extent permitted by law.