



Simple Life Emulsion

An innovative very essential emulsion, cold process and cost-effective with outstanding performance on stability and sensoriality. A very elegant and nourishing natural body cream with unique after feel.

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.

AGENAJEL 20.313

A cold water soluble starch-ether based on waxy maize starch (edible). Can be used as a thickener in creams, lotions and shampoos.

ACTIPHYTE™ GREEN TEA GL 100 NP

Green Tea polyphenols help protect the skin against UV-induced inflammation and photoaging.

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.

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.

POLYALDO 10-1-O

A polyglyceryl ester derived from 100% plant-origin raw materials. In conjunction with Polyaldo® 6-2-5 or alone, this versatile emulsifier forms stable o/w emulsions with low viscosities for skin and hair care applications. Due to the non-ionic character of Polyaldo® 10-1-O KFG it is suitable for a wide range of formulation types.



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Formulation reference : 22082018.1

Phase	Raw Material	INCI	%w/w	Supplier
A	Brontide BIO-BG	Butylene Glycol	4.00	Genomatica
A	Agenajel 20.313	Hydroxypropyl Starch Phosphate	6.00	Agrana
A	Actiphyte™ Green Tea GL 100 NP	Glycerin, Aqua, Camellia Sinensis Leaf Extract	4.00	Active Organics
A	Deionised Water	Aqua	77.37	
A	Geogard ECT	Benzyl Alcohol, Salicylic Acid, Sorbic Acid, Glycerin	1.00	Lonza
B	Polyaldo 10-1-O	Polyglyceryl-10 Oleate	2.00	Lonza
B	Marula Oil	Sclerocarya Birrea Seed Oil	3.00	Lonza
B	Blanova Almond Oil Sweet Virgin Organic	Prunus Amygdalus Dulcis Oil	2.00	Azelis
B	Prof. Tropical Waves 449	Parfum	0.50	IFF
C		Aqua, Sodium Hydroxide	0.13	

Manufacturing Instructions

- Mix the components of PHASE A, until dispersion.
- Premix the components of PHASE B, until dispersion.
- Add PHASE B into PHASE A, and emulsifier until uniformity.
- Finally adjust pH.

Specification

pH	5.78
Stability Testing	@40°C: 3 months; @25°C: 3 months; @5°C: 3 months
Viscosity	8440 cPs (spindle 4; speed 10) Brookfield DV-1 1 minute @25°C
Appearance	Soft Emulsion With Cream Colour

Formulation developed by Azelis Personal Care



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