



Computer Nerd Blue Light Protection Cream

Cream designed to protect the skin against blue light damaging.

Inside the formulation

SUPREME®

This non-ionic emulsifier forms particularly light and soft o/w emulsions that are pleasantly velvety to the touch. Thanks to its characteristics, SUPREME® is the key element for sensorial properties and vegetable origin. It offers outstanding emulsifying properties.

DUB OE

Emollient with a light feel, sensory alternative to volatile silicones, very good solubilizer for actives and silicones, while remaining a very good spreading agent; COSMOS and ECOCERT approved.

DUB ESTOLINE®

This polymer ester stands out for the exceptional sensations of softness and comfort that it delivers. Its “cocooning” effect provides thorough protection against the effects of pollution and other external stress factors that exacerbate the signs of premature aging.

GEOGARD® ULTRA

Geogard® Ultra is a synergistic, patented blend comprised of Gluconolactone and Sodium Benzoate. What makes this preservative unique is the synergy between the two ingredients, allowing for its broad spectrum efficacy; ECOCERT/COSMOS-accepted and Soil Association-approved.

RONACARE® AP

On exposure to UV-radiation a complete protection system is initiated. Oxidative stress is reduced, UV-protection is built up, further formation of reactive species is prevented and overall protection is maintained or enhanced.



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BRONTIDE®

Butylene Glycol from natural, plant-based sugars using safe and sustainable fermentation-based process technology.

RONACARE® ECTOIN

Ectoin is the ultimate active for cell protection in skin- and sun-care products.

ACTIPHYTE™ POMEGRANATE GL 80NP

ACTIPHYTE™ Pomegranate may work as a natural photoprotector. It assists in reducing skin discomfort and restoring the skin. It may improve acne-prone complexion.

PANASOME™ LUTEIN

Liposomal stabilized carotenoid to protect against the damage blue light exposure.

SCREENLIGHT™ BLOCK

ScreenLight™ Block is a new ingredient containing both physalis alkekengi extract and beta-carotene, that provides a powerful defensive shield against the visible effects of different light and chemical based environmental stress factors on skin aging.



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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.

Computer Nerd Blue Light Protection
Formulation reference : 809-4-4

Phase	Raw Material	INCI	%w/w	Supplier
A	SUPREME®	Polyglyceryl-3 Rice Branate; Cetearyl Alcohol; Sucrose Stearate	5.00	Sinerga
A	Cetearyl Alcohol	Cetearyl Alcohol	1.00	
A	DUB GMS	Glyceryl Stearate	0.50	Stéarinerie Dubois
A	RonaCare® AP	Bis-Ethylhexyl Hydroxydimethoxy Benzylmalonate	1.00	Merck
A	DUB ESTOLINE®	Ethylhexyl Polyhydroxystearate	5.00	Stéarinerie Dubois
A	Mackaderm LIA	Isoamyl Laurate	3.00	Solvay
A	DUB OE	Ethyl Oleate	2.00	Stéarinerie Dubois
A	DUB KARITÉ	Butyrospermum Parkii (Shea Butter)	0.20	Stéarinerie Dubois
A	Avocado Butter	Persea Gratissima (Avocado) Oil; Hydrogenated Vegetable Oil	0.20	EFP Biotek
A	BLANOVA® Tocopherol	Tocopheryl Acetate	0.50	Azelis
B	demin. water	Aqua	68.40	
B	Glycerin	Glycerin	2.00	
B	BRONTIDE™	Butylene Glycol	3.00	Genomatica
B	RonaCare® Ectoin	Ectoin	0.20	Merck
B	Geogard® Ultra	Gluconolactone; Sodium Benzoate	1.00	Lonza
B	Rhodicare® T	Xanthan Gum	0.20	Solvay
C	Actiphyte™ Pomegranate GL 80NP	Glycerin; Aqua; Punica Granatum Extract	2.00	Lubrizol
C	PANASOME™ LUTEIN	Aqua; BG; Hydrogenated Lecithin; Ethanol; Xanthophylls; Safflower Oil; Potassium Phosphate; Dipotassium Phosphate; Phenoxyethanol	0.50	Kyowa Pharma Chemical
C	ScreenLight™ Block	Physalis Alkekengi Calyx Extract; Caprylic/Capric Triglyceride; Beta-Carotene	3.00	Lonza
D	Dry Flo TS	Tapioca Starch Polymethylsilsesquioxane	1.00	Akzo



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D	Gentle Skin 389	Fragrance	0.30	IFF
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Manufacturing Instructions

Heat both phases A and B up to 70 °C.
 Add phase A to phase B and homogenize.
 At 30-40 °C homogenize again.
 Add phase C, D to phase AB.
 Adjust pH to 5.5.

Specification

pH	5.5
Stability Testing	@40 °C: 2 months; @50 °C: 2 months; Thaw- Freeze- cycles (-18 °C/+40 °C): 5x
Flow point [mPa]	14000 (25 °C)
Viscosity@ 1/s [mPas]	81000 (25 °C)

Formulation developed by Azelis Personal Care



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