



Inflammaging

Defense Booster Cold Cream

The Inflammaging Defense Booster has been formulated with barrier protection and repair in mind. These ingredients have a triple defense action to improve, restore, and reinforce skin's barrier boosting its resilience to external aggressions. With the addition of other key ingredients including a sustainably sourced cannabinoid, skin will be well moisturized, calm, and home to a healthy microbiome.

Trade Name	Benefit in Formula
Hydrafence™ Provital	A rice amylopectin hydrocolloid matrix rich in calcium extracted from algae provides a "Triple Defense" action. It improves epidermal cohesion, helps to restore the ability of the skin to generate its own ceramides, and decreases TEWL to reinforce the global barrier against external aggressions.
SYN-UP® DSM	A peptide that boosts skin's resilience in drying conditions by helping reinforce the barrier and reducing inflammation to visibly and sensorially improve skin.
Neossance® Squalane Aprinnova	Supports barrier repair by restoring hydration, elasticity and firmness to skin while reducing wrinkles. Promotes a healthy skin microbiome by increasing microbiome diversity and not disrupting the microbiome stability on the skin.
CBG Amyris	A sustainably sourced cannabinoid moisturizes and helps repair the skin for optimal barrier function while reducing inflammation to calm skin and provide redness reduction.
Mokaté™ Oil African Origin Oils	The South African oil contains up to 70% essential fatty acids and is exceptionally rich in natural Vitamin E and plant sterols, providing powerful antioxidant properties. This natural composition is ideally suited to promote cell regeneration and support skin barrier function and repair.

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PHASE A	INCI NAME	%W/W
Deionized Water	Water	65.35
Disodium EDTA	Disodium EDTA	0.10
a ¹ SEPINOV™ EMT10	Hydroxyethyl Acrylate/Sodium Acryloyldimethyl, Taurate Copolymer	0.30
² Keltrol® CG-T	Xanthan Gum	0.25
Pentylene Glycol	Pentylene Glycol	3.00

PHASE B	INCI NAME	%W/W
³ Neossance® Hemisqualane	C13-15 Alkane	1.00
⁴ Crodafos™ CES	Cetearyl Alcohol, Dicetyl Phosphate, Ceteth-10 Phosphate	3.50
³ Neossance® Squalane	Squalane	5.00
b Caprylic/Capric Triglyceride	Caprylic/Capric Triglyceride	1.75
⁵ Mokaté™ Oil	Citrullus Lanatus Seed Oil	2.00
Cetyl Esters	Cetyl Esters	3.00
Cetyl Palmitate	Cetyl Palmitate	3.70
⁶ Lecinol S-10	Hydrogenated Lecithin	0.30
Cetearyl Alcohol	Cetearyl Alcohol	3.50
⁷ CBG	Cannabigerol	2.00

PHASE C	INCI NAME	%W/W
c ⁸ Diocide™	Caprylyl Glycol, Phenoxyethanol, Hexylene Glycol	1.00

PHASE D	INCI NAME	%W/W
d ⁹ Hydrafence™	Water, Glycerin, Amylopectin, Lithothamnion Calcareum Extract, Pentylene Glycol, Lactic Acid, Xanthan Gum	3.00
¹⁰ SYN-UP®	Amidinobenzamide Acetate, Benzylsulfonyl D-Seryl Homophenylalanine	1.00

PHASE E	INCI NAME	%W/W
e Sodium Hydroxide 25% Solution	Sodium Hydroxide	0.25

OPERATING INSTRUCTIONS:

1. Premix Phase A and mix until phase is completely dispersed. Heat to 70-75°C.
2. Premix Phase B and heat to 70-75°C.
3. Slowly pour Phase B into Phase A and homogenize for 3 minutes at 50 Hz.
4. Cool to 50-55°C and add Phase C.
5. Add Phase D at 35°C.
6. Continue mixing until batch reaches 25°C.
7. Adjust pH to 5.0-6.0. Use 80% of phase E at first, then adjust in tiny increments as needed.

- ¹Manufactured by Seppic
- ²Manufactured by CP Kelco
- ³Manufactured by Aprinova, LLC: Exclusive USA and Canadian Distributor: Centerchem LLC.
- ⁴Manufactured by Croda
- ⁵Manufactured by African Origin Oil: Exclusive USA and Canadian Distributor: Centerchem LLC.
- ⁶Manufactured by Barnet Products
- ⁷Manufactured by Amyris: Exclusive USA and Canadian Distributor: Centerchem LLC.
- ⁸Manufactured by Centerchem LLC.
- ⁹Manufactured by Provital, Exclusive North American Distributor: Centerchem LLC.
- ¹⁰Manufactured by DSM Nutritional Products, Ltd., North American Distributor: Centerchem LLC.

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