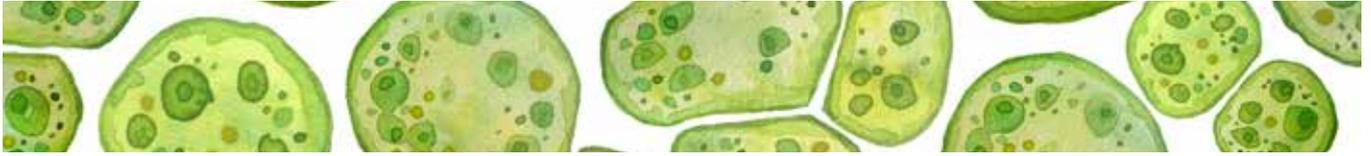


NOVOPOLLULAN[®] a lifting and anti-wrinkle blend based on the science of the algae and fungus.

- A unique blend of algae and fungus polysaccharide (Pullulan)
- Instant firming effect
- Long-term firming and Anti-wrinkle effects





NOVOPOLLULAN®

INCI Name: pollulan-octulata algae

Introduction:

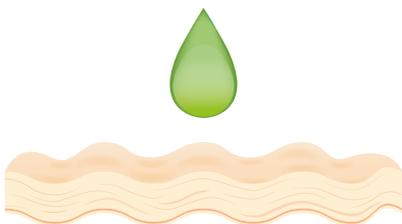
Novopollulan is a natural ingredient, and it is developed by biotechnological methods. The Oculata microalgae (Nanochloropsis Oculata) extract produced by the fermentation process is well combined with Pullulan polysaccharide, a film-forming natural sugar from fungus A.Pullulans. The film-forming effects of Pullulan have made it a potential stable carrier for active ingredients with a lifting effect for the skin. The professional blend of Oculata algae and pullulan has made it a powerful agent against wrinkles..

Technical Data Sheet (TDS)

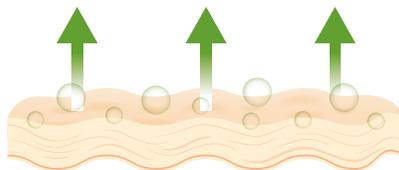
Appearance	Yellow to amber, opalescent to turbid, highly viscous liquid
pH	4.50 – 5.50
Relative Density	1.050 – 1.150
Dry residue (105 °C)	19.0 – 23.0 %
Preservatives	2-Phenoxyethanol:0.90- 1 % Sodium benzoate : 0.25 – 0.40 % Potassium Sorbate : 0.10 – 0.20 %
Microbial Count	Max. 100.0
Specified pathogens	Absent, not detectable

Novopollulan Instant solution:

Skin surface lifting by applying the Pullulan polysaccharides instantly. The continuous use of Novopollulan has a long term effect by inducing collagen synthesis and renewing the skin.



Wrinkle Problem



Treatment by Polysaccharide



Instant Lifting Effect



Active & Mechanism:

Novolollulan is a bio-derived water-soluble agent rich in anti-oxidants amino acids and vitamins (C & B12). By leaving a delicate film on the skin, it delivers a fast firming effect. Besides, protecting the skin against oxidative stressors and helping to induce collagen and hyaluronic acid synthesis have long-term effects for reducing fine lines and wrinkles.

Typical formulation for firming liposomal serum

Water	qs
Novo pollulan	5
Novo ben 5	1
Novosome vit complex	25
Xanthan gum	0.5
Glycerin	5
Novosorption	5



Benefits:

- Anti-wrinkle
- Antioxidant
- film-forming
- lifting
- Instant and long term effects

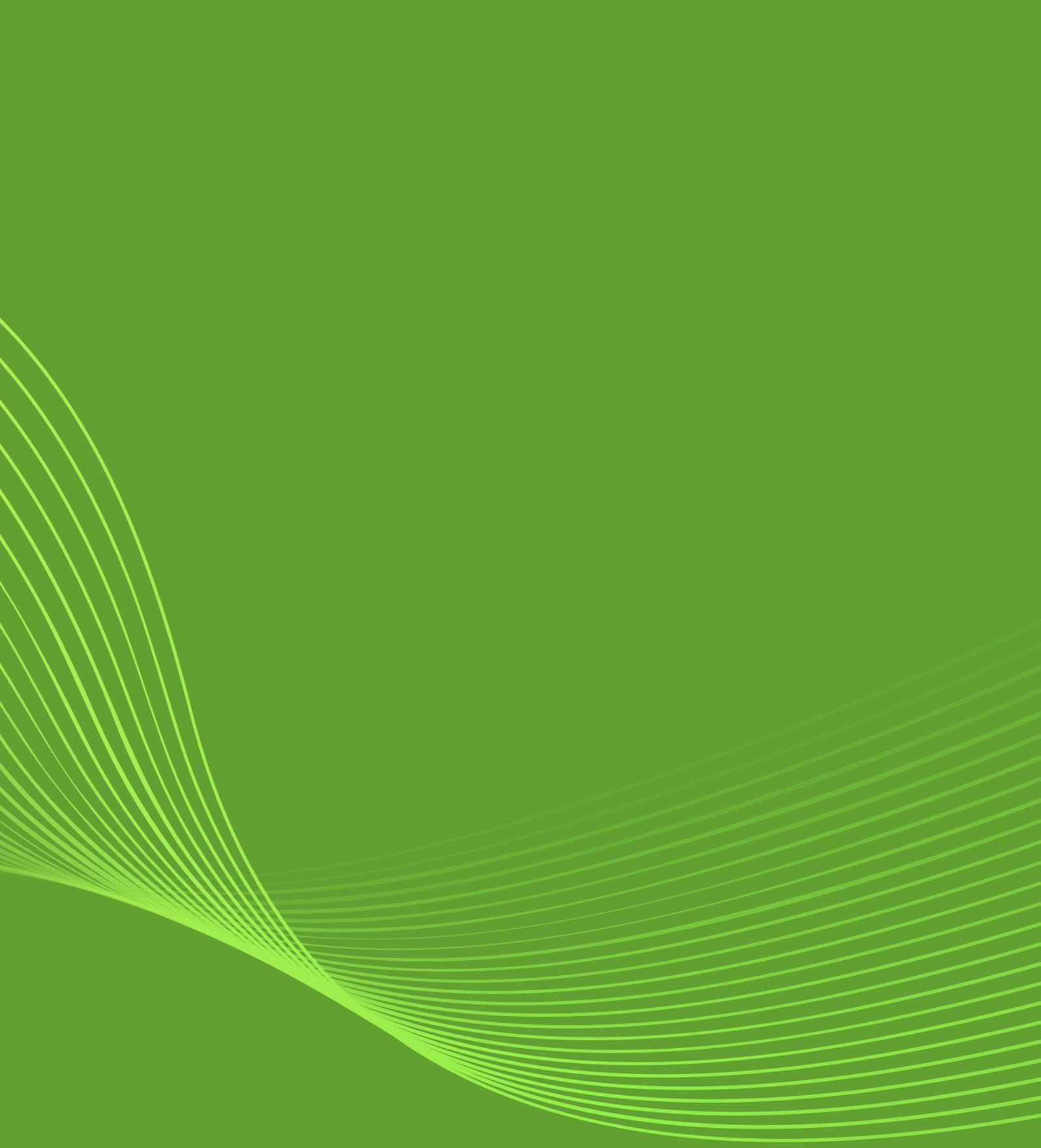
How to use:

- can be cold process or hot one

Dosage: 1-5

Applications:

- Instant antiwrinkle creams/serums
- Hydrating fillers/creams/serums
- Firming foam/ toner



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