

NV OIL CONTROL ECO

REDUCTION OF OILINESS
ON SKIN AND SCALP

**Active
Ingredients:**

Rosemary, Salvia
and Mint Essential
Oils, Pumpkin Seed
Oil, Chamomile and
Panthenol.

Benefits

- Astringent action;
- Controls oily skin and scalp;

Usage

BB cream, primers, photoprotectors,
creams, facial masks, serums, gels,
makeup removers, hair sprays, liquid
soaps and shampoos.



DESCRIPTION

NV Oil Control ECO is a blend of active ingredients encapsulated in biopolymer particles with particle diameter larger than 200 nm. Encapsulation using the technology developed by Nanovetores enables occlusion of unpleasant odors and stabilization of components complex of being formulated when in free form. The blend has adstringent and high oiliness control action, granting a series of benefits on daily usage.

NV Oil Control ECO is a blend of active ingredients rich in phenolic acids, powerful substances to control oiliness.

NV Oil Control ECO is suited to control oily skin and scalp due to its oiliness restriction and astringent action.

PUMPKIN SEED OIL

Pumpkin seed oil has vitamin A, zinc (a mineral able to control oiliness) (1) (2) and phenolic compounds, acting as a great antioxidant and inhibiting lipogenesis (3).

ESSENTIAL OILS OF ROSEMARY

The essential oils of rosemary, sage and mint have refreshing action, help reduce oiliness and act to assist in the treatment of dandruff and hair loss (4).

CHAMOMILE OIL

Chamomile oil is soothing and suited for cleaning delicate skin as it's rich in alpha-Bisabolol, which has anti-inflammatory action (5).

PANTHENOL

Panthenol has regenerative action and inhibits lipogenesis, reducing oiliness (6)(7).



Regulatory Information

INCI Name	Cas Number
AQUA	7732-18-5
CUCURBITA PEPO SEED OIL	8016-49-7
ROSMARINUS OFFICINALIS LEAF OIL	84604-14-8
SALVIA SCLAREA OIL	8016-63-5
SODIUM LAUROYL LACTYLATE	13557-75-0
PROPANEDIOL	504-63-2
PANTHENOL	81-13-0
OLEIC ACID	112-80-1
STEARIC ACID	57-11-4
DECYL GLUCOSIDE	54549-25-6
GLYCERYL CAPRYLATE	26402-26-6
MENTHA PIPERITA OIL	8006-90-4
BENTONITE	1302-78-9
CHAMOMILLA RECUTITA FLOWER OIL	8002-66-2
GLYCERYL UNDECYLENATE	65684-27-7
TOCOPHERYL ACETATE	7695-91-2

Physical-Chemical Information

PHYSICAL STATE	MILKY LIQUID
COLOR	CREAM TO GREENISH
ODOR	CHARACTERISTIC
pH	4,5 to 7,5
DISPERSIBILITY	WHATER DISPERSION OF ENCAPSULATED ACTIVE INGREDIENTS.
RELATIVE DENSITY	0.9 to 1.1 g/mL
CHARACTERIZATION	BLEND

NOTE

AS IT CONTAINS NATURAL ACTIVE INGREDIENTS, THE PRODUCT MAY CHANGE IN COLOR AND ODOR.

USAGE CONCENTRATION

0,5 TO 5%.

PH STABILITY

2,0 TO 7,0.

STORAGE

KEEP IN A WELL-VENTILATED PLACE, AWAY FROM LIGHT AND HEAT.

INCOMPATIBILITY

ETHANOL AND OTHER ORGANIC SOLVENTS.

COMPATIBILITY

COMPATIBLE WITH ALL TYPES OF VEHICLES.



Our production process is based on Green Chemistry, being water-based and free of organic solvents, totally sustainable. We do not generate waste that could be harmful to users or the environment



We do not test on animals. All tests are conducted in trustworthy laboratories with human volunteers.



Essential oils, Vitamins, Acids and Natural Extracts are highly oxidative substances that degrade quickly and react constantly with the medium and other cosmetic compounds (light, oxygen, packaging, preservatives, fragrances, surfactants, etc.). By encapsulating it, we guarantee the stability of the active ingredients and protect them from potential reactions with the formulation or the environment.

References

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3. XANTHOPOULOU, M.N.; et al. **Antioxidant and lipoxigenase inhibitory activities of pumpkin seed extracts.** *Food Research International*, v. 42, p. 641-646, 2009.
4. BURT, S. **Essential oils: their antibacterial properties and potential applications in foods - a review.** *International Journal of Food Microbiology*, v. 94, p. 223-253, 2004.
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7. WANG, L.; TSENG, S. **Direct determination of D-pantothenol and salt of pantothenic acid in cosmetic and pharmaceutical preparations by differential pulse voltammetry.** *Analytica Chimica Acta*, v. 432, p. 39-48, 2001.

Nanovetores Encapsulation Technology



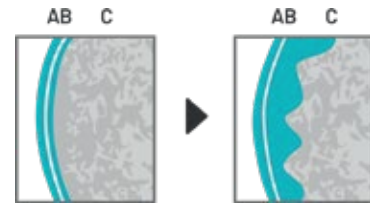
Active Ingredient Protection against oxidation resulted from interaction with external environment and other components of the cosmetic formulation.



Monodispersity, that ensures control of the particle size, providing adequate permeation to its proposed action.



Secure particles larger than 200nm, biocompatible and biodegradable.



Greater Permeation on the contact surface due to the small size of the capsule.



Surface Charge Control of the particle, promoting greater affinity with the contact surface.



Water Base. Active ingredients are manufactured without the use of organic solvents, ensuring safety for users and the environment.

Use Encapsulated Active Ingredients and Ensure:

- Stability Improvement
- Increased compability in the formulation
- Occlusion of odors
- Increased skin permeation
- Reduced dose
- Use of sensitive active ingredients (without refrigeration)
- Increased Solubility
- Prolonged release
- Increased effectiveness



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