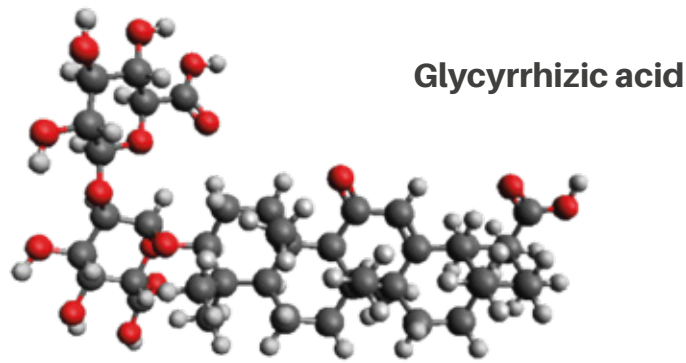




# nano peel off

**NANO PEEL OFF** is a gel foundation for facial plastic mask, important for its versatility, convenience and multi-functionality, as it brings benefits when associated with Nanovetores facial line inputs. Among the related benefits are moisturizing, tensioning, anti-aging, soothing, refreshing, antioxidant and oil regulating properties for the skin. Incorporated into this gel foundation is the licorice extract whose main component is glycyrrhizic acid, a triterpenoid saponin glycoside that is used in cosmetic products to regulate several skin disorders (AFNAN et al., 2012), offering calming, anti-inflammatory, anti-allergenic and decongestant action. Nano Peel Off is indicated for all skin types, its benefits are related to the active ingredient chosen. During the resting period (from 5 to 20 minutes) the particles containing the active ingredient permeate the skin promoting the desired effect, a fine and flexible film and a perceptible tensioning effect. After this period, Nano Peel Off should be removed and along with it, dead cells and other impurities from the skin will be removed.

# Chemical Structure



## Technical Information

**INCI:** AQUA, POLYVINYL ALCOHOL, PEG-12 DIMETHICONE, GLYCYRRHIZA GLABRA ROOT EXTRACT, COCAMIDOPROPYL BETAINE, PHENOXYETHANOL, CAPRYLYL GLYCOL.



### HOW TO USE:

**1 to 2 times a week, after cleaning the skin as usual, apply a thin layer of the mask evenly, aiming at forming a film, let it act for 5-20 minutes or until it's dry. Remove by peeling it off from bottom to top. You don't need to wash your face afterwards**



### STORAGE:

Keep in a temperature between 20 - 25°C



### ASPECT:

Crystalline and viscous gel from colorless to yellow



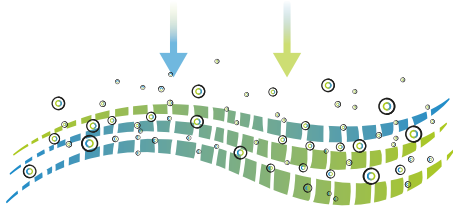
### STABILITY pH:

2.0 to 6.5

## References

AFNAN, Q.; et al. Glycyrrhizic acid (GA), a triterpenoid saponin glycoside alleviates ultraviolet-B irradiation-induced photoaging in human dermal fibroblasts. *Phytomedicine*, v. 19, n. 7, p. 658-664, 2012

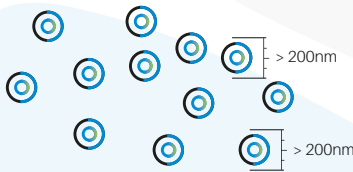
# Nanovetores Encapsulation Technology



**Multifunctional Lipid Particles** that promote hydration and extended effect.



**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.



**Enzymatic Specific Release Trigger**, where enzymes present on the skin disintegrate particles, releasing the active ingredient specifically where it needs to act.

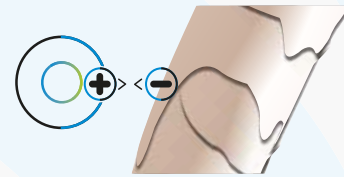


Active ingredient deposition when applied freely



Greater permeation of the active ingredient when encapsulated

**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

Oclusion of odors

Increased skin permeation

Reduced dose

Use of sensitive active ingredients (without refrigeration)

Increased Solubility

Prolonged release

Increased effectiveness