

Soliance - Soligel

A natural water supplier for your skin



Givaudan

engage your senses



Soligel

A natural water supplier for your skin

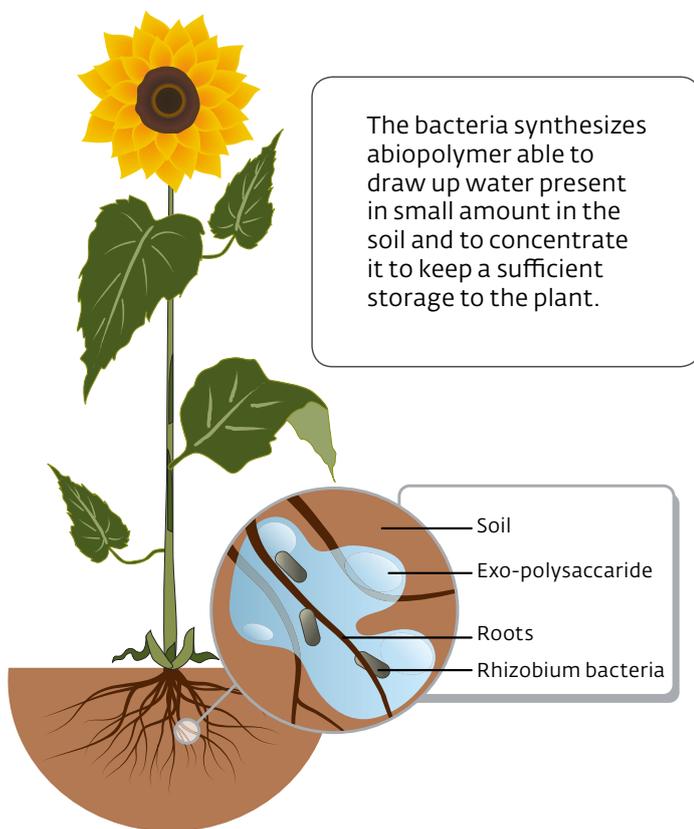


Soligel is a unique biopolymer inspired by Nature's richness. This Ecocert and Cosmos approved ingredient is obtained through a biotechnological process, using a specific symbiotic micro-organism, the *Rhizobium sp.* Soligel is a natural water "reservoir" that quenches the skin thirst with a unique sensory profile.

Soligel : an innovation inspired by Nature

The *Rhizobium sp.* is a specific microorganism living in the sunflower roots area through a symbiotic system.

During periods of drought, this bacteria enables the plants to survive by preventing their roots from being dehydrated.



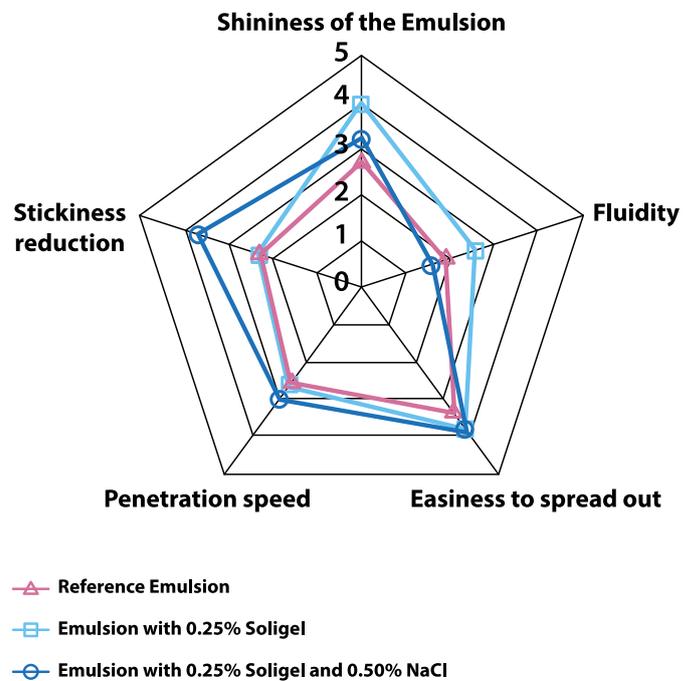
The remarkable high water binding capacity of this polymer led Soliance to isolate this secreting bacteria in order to produce the polysaccharide through a biotechnological process.

Based on biomimicry, Soligel offers to the skin all the benefits the sunflower plants get from this native biopolymer.

Sensory analysis (Panel test)

A panel (12 persons) compared the sensory profile of 3 emulsions:

- A reference emulsion.
- Emulsion with Soligel at 0.25%.
- Emulsion with Soligel at 0.25% and NaCl at 0.50%.



Soligel improves sensorial characteristics of cosmetic formulations.

Moisturizing effect

Soligel maintains skin hydration by delivering water to the skin according to its cutaneous needs.

As a high molecular weight biopolymer, it also limits transepidermal water loss.

INCI name: Rhizobian gum.

Preservative: None.

Dosage: 0.05% to 2% | **Form:** powder | Hydrosoluble

Cosmetic applications: Moisturizing products, anti-aging products, anti-dark circle products, make-up (foundations...).