



Satiagel™ VPC 508

A responsibly sourced gelling agent,
bringing the best of the ocean to you



ISO 16128
100%
NATURE DERIVED



COSMOS
APPROVED



READILY
BIODEGRADABLE
ACCORDING TO
OECD 301 B



HALAL



KOSHER



VEGAN SUITABLE
ACCORDING TO
VEGAN.ORG



MADE IN FRANCE

Origin:

- INCI: Carrageenan / Chondrus crispus extract (China¹)
- Carrageenans are extracted from red seaweed and are made of natural polysaccharides with sulfated galactose units that can be classified into 3 main families: Lambda, Iota and Kappa depending on the amount of sulfated units and on the presence of an anhydrogalactose bridge..
- Satiagel™ VPC 508 P is made of Iota carrageenan

Traceability & sustainability:

To help ensure a long-term sustainable red seaweed supply chain, Cargill has launched the Red Seaweed Promise™ in 2019. The program is specifically designed to address key sustainability challenges for the harvesting and cultivation of red seaweed, while enhancing producer livelihoods, supporting local communities and conserving the marine environment.

Uniqueness:

- Gelling agent providing medium to high viscosity and elastic gel texture in presence of electrolytes
- High transparency
- Fresh sensory
- Film forming
- Thermoreversible
- Shear-thinning and Thixotropic behaviour

Technical data:

- Carrageenan Iota based
- Dose of use: 0.4-2%
- Powder form
- Anionic
- Cold & Warm processable (50°C recommended)
- Cold dispersible
- Compatibility: electrolytes, surfactants

NaCl %	0	5
	+	+

pH	5	9
	+	+

Applications



SatiageTM
VPC 508

When to use SatiageTM VPC 508?

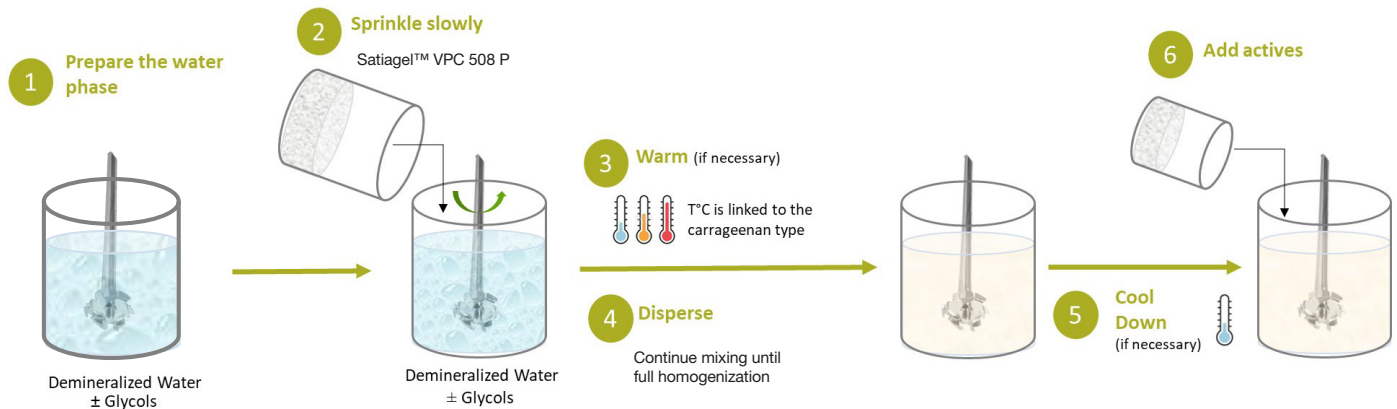
- When looking for a gelling, elastic agent
- When transparency is needed
- When looking for a fresh sensory feeling
- When needing to improve the film forming effect

Formulation tips

Textures:

- Toner
- Micellar water
- Texturized water
- Serum
- Gel
- Lotion
- Gel-Cream
- Mask
- Solid gel

Sensorial fingerprint:
silky, gliding, light & fresh



Salt addition recommendations:

- Add them at the end of the formulation process
- Avoid high shear after adding electrolytes
- Always use a non-powder salt solution to avoid lumps and fish-eyes
- The addition of NaCl inside the water phase at the beginning of the process will “inhibit” the hydrocolloid expansion
- The hydrogel texture that is less smooth and more “gelatinous” when salt concentration increases
- With the addition of divalent cations, the impact on the viscosity is more important

Product details

- CAS N° 9000-07-1
- Packaging: 25 kg (net) PE bags hermetically sealed
- Shelf life after production date (months): 24

Contact us at: beauty@cargill.com

¹ According to IECIC 2021

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