



FiberDesign™ Citrus

The elegant upcycled texturizer for cool skincare



**DERIVED NATURAL
ACCORDING TO
ISO 16128**



**READILY
BIODEGRADABLE¹**



HALAL



KOSHER



VEGAN SUITABLE²



MADE IN FRANCE

Origin:

- INCI: Citrus Limon Peel Powder & Sclerotium Gum & Citrus Aurantifolia Peel Powder (EU) / Citrus Limon (Lemon) Peel Powder & Sclerotium Gum & Citrus Aurantifolia (Lime) Peel Powder (US & China)
- A 100% nature-derived texturizer combining up-cycled lemon & lime fibers and biofermented sclerotium gum
- Lemon & lime peel fibers activated through a patented physical process and co-processed with sclerotium gum.

Traceability & sustainability:

- Up-cycling: using side stream of lemon & lime juice to extract citrus peel fibers. Lemon & lime valorization up to 96% !
- Bio-fermentation of sugar with 100% renewable feedstocks
- Citrus mainly sourced from Argentina, Brazil, Mexico & Peru³
- Made in France (Normandy)

Uniqueness:

- Up-cycled texturizer with suspending properties
- Quick break effect
- Premium sensoriality with very smooth after feel
- Cooling effect & long-lasting freshness
- Patented process & application

Technical data:

- Dose of use : 0.5-2.5%
- Form : light beige powder
- Cold or Hot processable
- Shear thinning behavior

Compatibility:

NaCl %	0	2
	+	+

Alcohol	0	10
	+	+

pH	3	7	12
	+	+	+

Applications



FiberDesign™
Citrus

When to use FiberDesign™ Citrus?

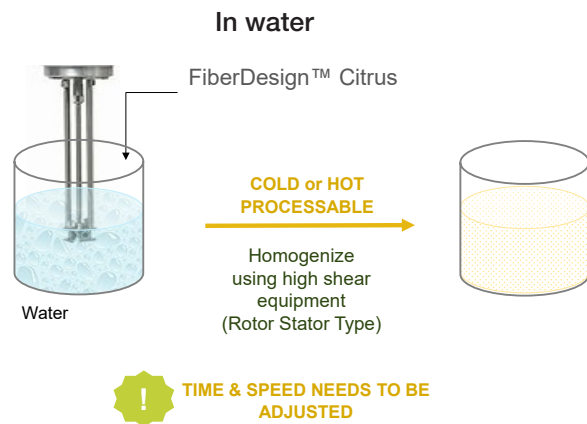
- To thicken gels or emulsions in a wide range of textures : serums, gel, lotion to cream
- To develop products targeting conscious consumers who want zero waste beauty
- To suspend pigments or particles
- To provide a fresh after-feel with a long-lasting cooling effect
- To bring elegant sensoriality to the product & a smooth after-feel
- To include an up-cycled ingredient into the formulation

Textures:

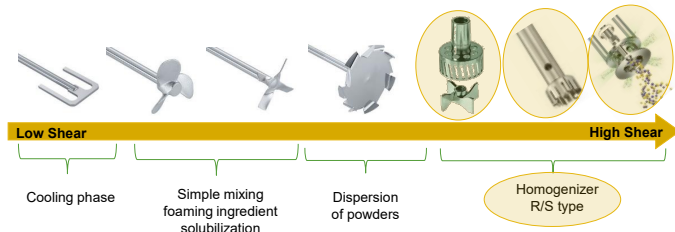
- Serum
- Gel
- Gel-cream
- Lotion
- Cream

Sensorial fingerprint:
quick breaking with
lasting cooling effect

Formulation tips



1. Use a proportionated vessel & homogenizer
2. Use a high shear homogenizer



Product details

- CAS N° Citrus Limon (Lemon) Peel Powder 84929-31-7, Sclerotium gum 39464-87-4, Citrus Aurantifolia (lime) peel powder 90063-52-8
- Packaging: 20 kg (net) PE bags hermetically sealed
- Shelf life after production date (months): 18
- IECIC registered

Contact us at: beauty@cargill.com

¹ According to OECD 301b

² The responsibility of a vegan claim lies with the cosmetic manufacturer. Please consult your own legal or regulatory experts to ensure suitability of the product with your preferred standard.

³ The source may vary depending on availability

⁴ Product made to food grade GMPs and has not been tested in sunscreen. Manufacturer is responsible for compliance with with corresponding regional and global sunscreen regulations.

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