



StarDesign™ Care

The thickening & consistency agent for creamy & rich textures with a matte effect



**DERIVED NATURAL
ACCORDING TO
ISO 16128**



**READILY
BIODEGRADABLE
ACCORDING TO
OECD 301 B**



HALAL



KOSHER



MADE IN FRANCE

Origin:

- INCI: Hydroxypropyl starch phosphate
- Starches are polysaccharide granules extracted from corn. These polysaccharides can be linear (amylose) or branched (amylopectin)
- Waxy maize is the type of corn selected as source because it has 99% amylopectin which contributes to maintain the stability of the native starch

Traceability & sustainability:

- Based on waxy corn 100% from Europe
- Sourcing is verified externally and benchmarked Silver against the Sustainable Agriculture Initiative (SAI) Platform in order to protect the soil and the biodiversity as well as to improve the water usage and quality.

Uniqueness:

- Thickener & consistency agent without soaping effect
- Sensory enhancer for creaminess & richness
- High absorption capacity of water and oils
- Great pick up
- Matte finish
- Competitive cost-in-use
- Synergy with xanthan gum to increase foam quality & quantity

Technical data:

- Dose of use 1-10%
- Powder form
- Slightly anionic
- Cold/Hot processable

Compatibility:

NaCl %	0	3
	+	+

Alcohol %	0	15
	+	+

pH	4	5	6	7	9
	+	+	+	+	+

Applications



StarDesign™
Care

When to use StarDesign™ Care?

- When looking build viscosity into a creamy emulsion easy to spread without soaping effect and a powdery sensory
- When absorption capacity is needed as StarDesign™ Care can absorb 114% of water & 130% of Isopropyl Myristate (which has a structure close to the fatty part of sebum)

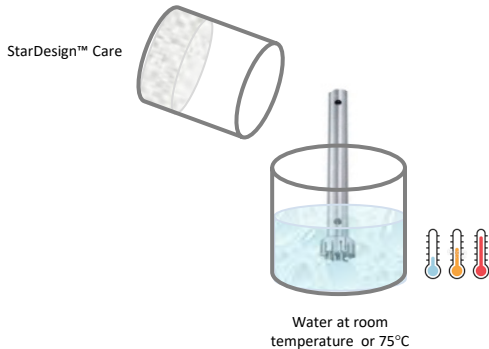
Textures:

- Gel
- Gel-cream
- Cream
- Paste
- Butter

Sensorial fingerprint:
rich & creamy with
powdery, matte effect

Formulation tips

- Add the StarDesign™ Care into the water phase
- Cold or hot process is possible
- Mix during 2 to 4 min up to a homogeneous mix at approximately 4000 rpm if using a roto stator and at 1500 rpm if you are employing a saw tooth propeller or a dissolver



Product details

- CAS N° 53124-00-8
- Packaging: 20kg (net) paper bags, hermetically sealed
- Shelf life after production date (months): 24
- IECIC listed

Contact us at: beauty@cargill.com

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