



# Skin Care

Natural Minerals for  
Skin Care Products



THINKING OF TOMORROW

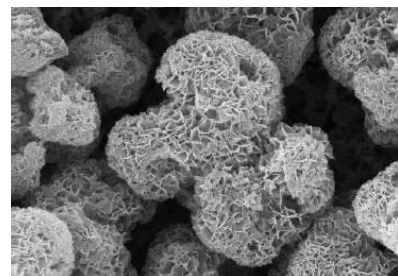


# Let Nature Take Care

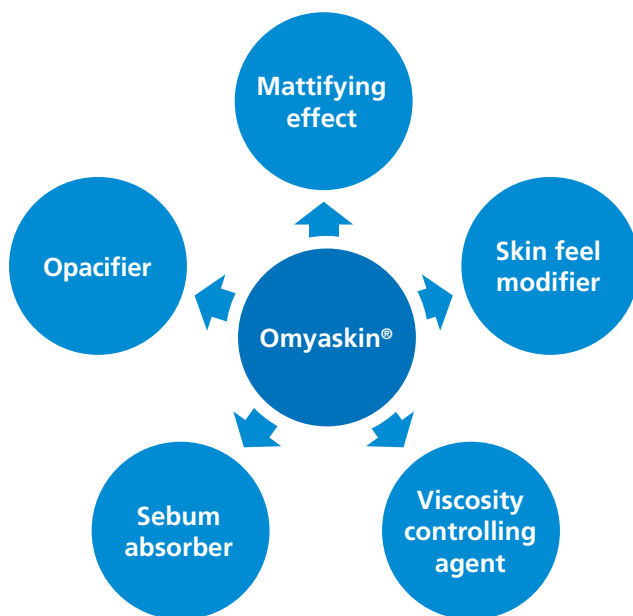
## Omyaskin® in Creams & Emulsions



Omyaskin® innovative particles offer greater porosity than conventional Calcium Carbonate. This structural feature allows for improvements in the effectiveness of sebum absorption and skin feel, while simultaneously easing the production process.



INCI: Hydroxyapatite  
(and) Calcium Carbonate



### Benefits

- Silky touch<sup>1)</sup>
- Reduces stickiness
- Increases viscosity
- Mattifying effect
- Provides high absorption
- Decreases greasy & oil feel
- Ecocert and COSMOS approved
- NATRUE certified

<sup>1)</sup> 46.7% of panelists perceived the residue as silky

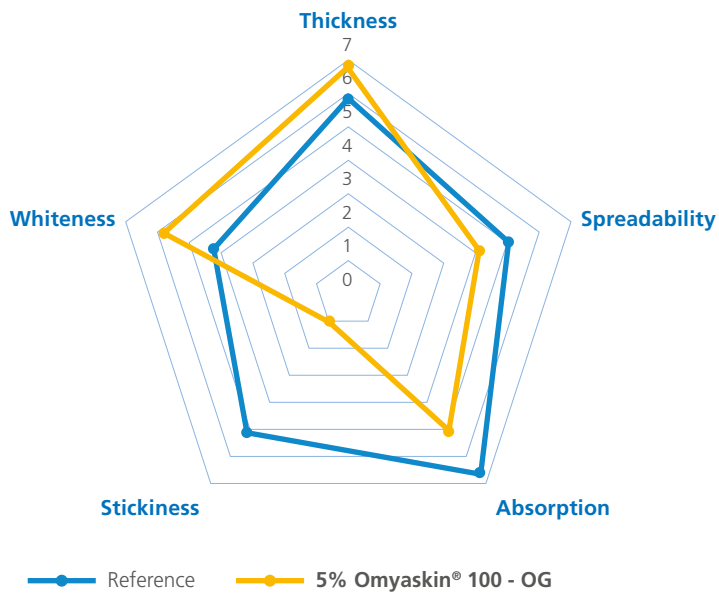


Figure 1: Sensory profile in cream based on 5% Omyaskin® 100 - OG

### Sebum Absorber

*Omyaskin® is an efficient sebum absorber - Sebum rate is decreased by 29% in 82% of test subjects.<sup>2)</sup>*

<sup>2)</sup> Facial cream with 5% Omyaskin® 100 - OG, applied to facial skin once a day for 28 days; n= 22 subjects; method: Sebumeter

### Mattifier

*Omyaskin® works as an efficient mattifying agent - 12% reduction of gloss is observed in 91% of test subjects.<sup>3)</sup>*

<sup>3)</sup> Facial cream with 5% Omyaskin® 100 - OG, applied to facial skin once a day for 28 days; n= 22 subjects; method: Skin-Glossmeter GL 200 probe (Courage & Khazala)

## Omyacare® in Creams and Emulsions

Sourced from Natural Calcium Carbonate, Omyacare® grades comply with stringent regulatory guidelines. Approved by COSMOS and Ecocert Raw Material as well as NATRUE certified, Omyacare® S 75 - KP and Omyacare® S 95 - KP are dedicated for organic and natural personal care products.



### Benefits

- Natural origin
- Non-irritating
- Positive environmental impact
- Ecocert and COSMOS approved
- NATRUE certified





## Omyacare® in Soap Bars

In soap bars, Omyacare® is more than just a filler. It enhances the creaminess attribute as well as the amount and speed of foam generation. The brightness of the particles allows manufacturers to produce white bright soap bars with a natural appearance. Omyacare® helps to maintain the weight of the soap bar in a smaller bar volume and thus reduces costs.

*Omyacare® contributes to foam generation speed and increases foam and creaminess.<sup>4)</sup>*

<sup>4)</sup> According to a specific protocol panelists washed their hands using bar soap with 5% Omyacare® S 70 - KP, n= 10 panelists; method: in vivo testing

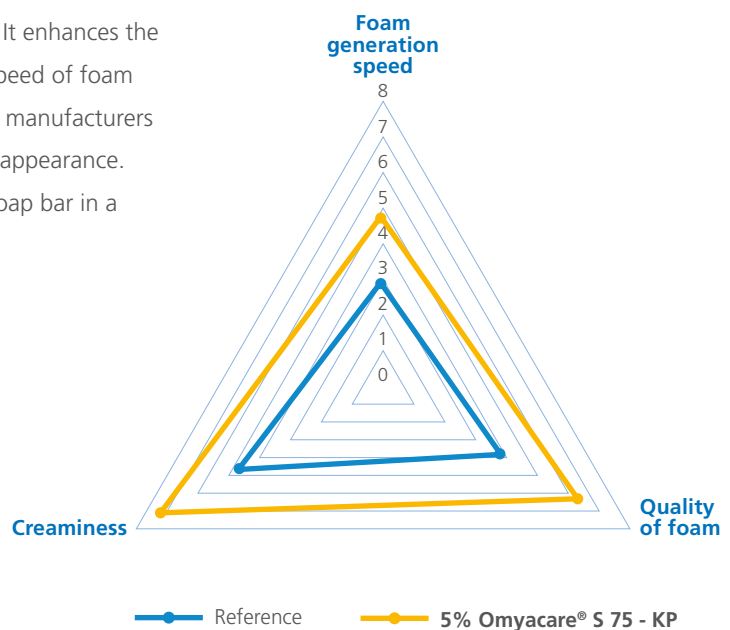


Figure 2: Sensory profile in soaps based on 5% Omyacare® S 70 - KP,  $p < 0.0001$  vs reference



Guide formulation: Soap bar containing 5% Omyacare® S 75 - KP for improved opacity

Ingredients	INCI Nomenclature	% w / w
Toilet Soap Noodles BV 601	Sodium Palmate (and) Sodium Palm Kernelate	90.00
Coconut Oil	Cocos Nucifera (Coconut) Oil	5.00
<b>Omyacare® S 75 - KP</b>	<b>Calcium Carbonate</b>	<b>5.00</b>
Perfume	Aroma	q.s
		100

**Procedure**

- 1 Mix soap noodles intensively with all ingredients for 10-15 minutes.
- 2 After mixing, refine and homogenize the soap base by means of the soap extruder using the drilled plate.
- 3 Extrude the soap base using the extrusion cone.
- 4 Cut the final soap into desired length or press it into a shape.

Omyacare® - Preferred types for soap bars

	Omyacare® S 80 - AV	Omyacare® S 70 - KP	Omyacare® S 90 - KP	Omyacare® S 75 - KP	Omyacare® S 95 - KP
d50% (µm)	5.0	5.5	3.0	5.5	3
d98% (µm)	30	25	13	26.5	13
R(y) (%)	95	97	97	97	97
Remarks	Very low dusting, bright marble				
Certification				Ecocert and COSMOS approved and NATRUE certified  	

Fine grades with high brightness are preferred for white soap bars. Omyacare® S 75 - KP is the best choice in terms of wet cracking & opacity.



## Omya Consumer Goods

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+41 62 789 29 29  
info.cosmetics@omya.com

Omya International AG  
CH-4665 Oftringen  
www.omya.com



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