

Personal Care

AAK

enhancing
the power
of nature



Akosoft 36™

Eco-friendly, moisturising vegetable gel for skin care, hair care and colour cosmetic formulations

emollients

Vegetable gels for green formulations

Vegetable gels are useful when formulating cosmetics that need that extra touch of moisturisation without the use of petrolatum or other mineral oil based ingredients. They are designed to give a melting profile that provides semisolid texture at ambient temperatures along with moisturising properties at body temperature. They have good oxidative stability without added antioxidants, facilitating the formulation of long-lasting, safe cosmetics with a luxurious feel.

Akosoft 36™

Akosoft 36 is based on coconut glycerides and is completely saturated, providing a very stable ingredient with low colour, odour and taste. It is completely melted at body temperature, giving a rapidly absorbed, non-greasy emollient film with good lubricity and intermediate spreadability. Akosoft 36 is manufactured using food ingredient

processing methods, readily biodegradable, and approved by Ecocert for natural and organic cosmetics.

Applications

Skin care emulsions for body, face and hands is the main application area. Ideal for lip treatments, both more fluid tubed products and more textured formulations delivered in jars or soft sticks. Due to its saturated character, Akosoft 36 is especially well suited for formulations without fragrance or colourant.

- ◆ Long shelf-life formulations
- ◆ Mild moisturisation
- ◆ Petrolatum alternatives from renewable sources

Application advice – Akosoft 36™

Skin care			Hair care		Colour cosmetics	
Light lotions and serums	Lotions and creams	Creams and butters	Conditioners	Styling & treatments	Lip balms	Lipsticks
1-3%	1-5%	2-20%	1-2%	2-4%	3-10%	1-2%
Emollient	Emollient & moisturiser	Emollient & moisturiser	Conditioner & moisturiser	Conditioner & moisturiser	Emollient	Emollient

Product name	Akosoft 36™
INCI name	Hydrogenated coco-glycerides
Product group	Performance Emollients
Physical form 20 °C	Semi-solid
Regulatory status	Cosmetic Regulation EC 1223/2009 REACH 01-2119493565-26-0005 EurPh Hard Fat
Approvals	Ecocert
Melting point (°C)	32-36
Appearance	Off-white, semisolid paste
Iodine Value	<3
Oxidative stability index (h, 110°C)	>100

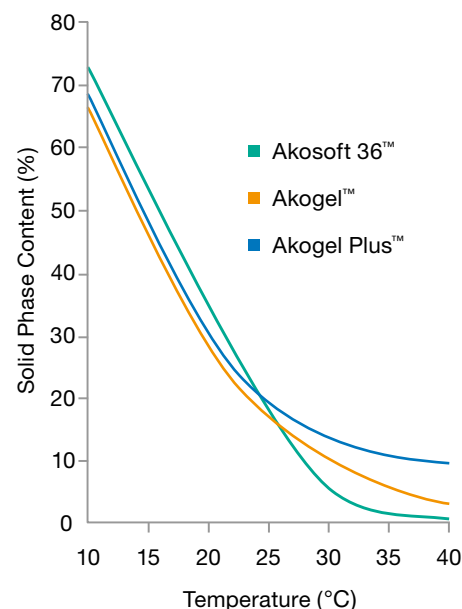
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Melting profiles for vegetable gels



Melting profiles for vegetable gels from AAK Personal Care. See separate product guide for Akogel and Akogel Plus.