

Floramac[®] 10

Botanical Alternative to Many Silicones



Benefits & Functions:

- Low Viscosity Silicone Alternative
- Increased Hair Shine
- Reduced Comb Force
- Heat Protection for Hair
- Biodegradable
- Non-Volatile
- Pigment Dispersion Properties
- UV Filter Solubilizer
- Increased Skin Hydration
- Increased Skin Radiance



Floramac 10

Floramac 10 is a moisturizing mixture of macadamia esters. Macadamia's high palmitoleic acid content is similar to that found within human skin surface lipids. Floramac 10 leaves a silky, smooth after-feel similar to cyclopentasiloxane.

Floramac 10 provides excellent oxidative stability, high spread, and low slip.

Floramac 10 provides formulators with a natural alternative to silicones, and provides brand managers with clinically substantiated benefits.

Clinical Studies

Skin: Floramac 10 increases skin radiance and skin hydration, and effectively removes makeup while leaving the skin silky smooth.

Hair: Floramac 10 reduces hair breakage and comb force, increases hair shine and provides heat protection.

Sun and Color: Floramac 10 enhances the dispersion of pigments and inorganic sunscreen actives, and aids in the solubilization of organic sunscreen actives.



iLabel[®]

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Floramac 10: A Silicone Alternative

Floramac 10 is a botanical, non-volatile substitute for low viscosity silicones. It can be gelled to mimic the properties of medium viscosity silicones, and can be used in combination with silicones. Floramac 10 remains on the skin and imparts a degree of skin hydration greater than traditional silicones.



Hair Care:

- Hair shine
- Heat protection
- Consumer preference
- Hair breakage
- Comb force (wet & dry)








Skin, Sun and Color:

- Skin radiance
- Skin hydration
- Pigment dispersion
- Consumer preference

Floramac 10 Properties:

- liquid at RT
- refractive index: 1.44-1.45
- non-GMO
- skin feel similar to cyclopentasiloxane

Visit floratech.com/ClinicalStudies to learn more.

Applications	Typical Use Level
Anhydrous	1 - 30%
Cleansers	0.1 - 3%
Color Cosmetics	1 - 30%
Hair Care	1 - 10%
Skin Care	1 - 10%
Sticks	1 - 20%
Sun Care	1 - 10%
Floratech Formulations	Formula Number
Clear, Silicone-Free Under Eye Rejuvenator	D010 
Cream to Powder Foundation	M025 
Exfoliating Cleansing Oil Gel	C034 
L22 Day Cream with Sunscreen Actives	L044 
Moringa Butter Moisturizing Body Masque	L041 
Quat and Silicone Free Hair Conditioner	H022 
Water-Free Cleansing Balm	C033 

Global Regulatory Data
CAS: 214495-31-5 or 85049-36-1 or 85049-35-0
EC: 285-206-0
Globally Approved including: Australia, China, EU, Japan, Korea and US
Botanical Origin: Macadamia (<i>Macadamia integrifolia</i>)
Packaging: 180 kg Drum (standard) 16 kg Pail (optional)

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