

Self-Tanning Gel

SC-1068



An extra light and quick absorbing self-tanning gel with great slip and a powdery after-feel, for an allover sun kissed look at home.

Phase	Trade Name	Ingredient (INCI)	(w/w)%
A	Deionized Water		76.5
	Ultragel 300 ³	Polyquaternium-37	1.0
	Glycerin		3.0
B	Sustoleo MCT¹	Triheptanoin	8.0
	Sustoleo DCS¹	Dicapryl Succinate	5.0
	Sustoleo TSB¹	Hydrogenated Rapeseed Oil	2.0
C	Lexgard O¹	Caprylyl Glycol	0.3
	Dihydroxyacetone ²		3.0
	Fragrance		0.5
Total			100.0

SustOleo[®] MCT
Luxurious, elegant emollient for smooth spreading on the skin.

SustOleo[®] DCS
Light and powdery emollient for a soft, minimal after feel.

SustOleo[®] TSB
Solid emollient that provides a buttery texture and easy application experience.

¹INOLEX ²EMD Chemicals ³BASF

PROCEDURE:

1. Mix Phase A ingredients until polymer is hydrated.
2. Adjust pH to 4.0 then heat batch to 80°C.
3. Combine phase B ingredients, heat to 80°C and add to phase A.
4. Homogenize batch @ 3500rpm for 3 minutes.
5. Cool batch to 40°C then add phase C with mixing.
6. Cool to room temperature.

STABILITY:

45°C and 50°C (4 weeks)
F/T -4°C-50°C (3 cycles)

PROPERTIES:

pH = 4.03
Viscosity @ 25°C (Brookfield RVT; Spindle T-C @ 10 rpm) = 20,000cps

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