

Thickener-Free Lotion

with Lysofix™ Liquid

Formulation: KPC/PD12012.25

- ◆ Anionic system
- ◆ Lightweight
- ◆ Matt finish



Phases	Ingredients	% w/w
A	Deionized Water	61.90
	Glycerin	3.00
	Lysofix™ Liquid - Glycerin (and) Glycine soja (Soybean) Seed Extract	4.00
B	Deionized Water	5.00
	L-Arginine	0.50
C	Coco Caprylate	13.00
	Stearic Acid	2.00
	Cetearyl Alcohol	4.00
	Glycol Distearate	2.00
	Jajoba Esters ¹	4.00
D	Phenoxyethanol (and) Caprylyl Glycol ²	0.75
E	Deionized Water	q.s. to 100
		Total: 100

Bold denotes products available from Kemin.

¹Floraesters® 30 - FloraTech; ²Optiphen® - International Specialty Products (ISP)

Manufacturing Process:

1. Heat Phases A, B and C to 82 °C.
2. Mix Phases B and C while stirring continuously.
3. Cool the main phase to 45 °C.
4. Add Phase D and mix until uniform.
5. Add Phase E to make up water lost in evaporation.
6. Mix until cool and uniform.

Stability:

- Stable for 5 freeze-thaw cycles
- Stable for 3 month at 45 °C

Characteristics:

Appearance:	White, smooth, uniform and luminescent
pH:	5.5 ± 0.5 at 20 °C
Viscosity:	10,000-15,000 cP at 20 °C Brookfield Viscometer, Spindle RV 4, 20 rpm
Centrifuge:	No separation at RT and 40 °C

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