

Thickener-Free Lotion with Lysofix™ Liquid

Formulation: KPC/PD12012.25

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

Characteristics:

Appearance: White, smooth, uniform and luminescent
Centrifuge: No separation at RT and 40°C
pH: 6.5±0.5

Emulsion Stability:

Results to date:

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



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