

Dual Phase Facial Cleanser with Lysofix™ Liquid

Formulation: KPC/PD13003.01

Phases	Ingredients	% w/w
A	Water	78.80
	Sodium Chloride	0.70
	Methylchloroisothiazolinone (and) Methylisothiazolinone	0.10
	FD&C Blue #1 (1% in aqueous solution)	0.10
B	Caprylic/Capric Triglyceride ¹	5.00
	Coconut alkanes (and) Coco-caprylate/caprate ²	10.00
C	Inulin Lauryl Carbamate ³	0.30
D	Lysofix™ Liquid - Glycerin (and) Glycine soja (Soybean) Seed Extract	3.00
	Cocoamidopropyl Betaine	2.00
E	Citric Acid (33.33% solution)	q.s. to pH 5.0-5.5
		Total: 100

Bold denotes products available from Kemin.

¹Jeechem CTG - Jeen Products ²Vegetlight 1214LC - Grant Industries ³INUTECH® - Beneo Chemicals

Manufacturing Process:

1. Weigh Phase A in the main beaker and mix while homogenizing.
2. Weigh Phase B in side beaker and mix with overhead mixer. Sprinkle Phase C in Phase B and allow to mix.
3. When Phase B dispersion is homogeneous, add to Phase A and homogenize for 10 minutes. Transfer to sweep mixing.
4. Add Phase D slowly to avoid foaming.
5. Adjust pH with Phase E and mix until uniform.

Characteristics:

Appearance: Two-layered mixture that forms an emulsion easily when mixed.

Color: Brilliant blue/Creamy white

pH: Between 4.5-6.5

Emulsion Stability:

Results to date:

- Stable for 5 freeze-thaw cycles
- Stable for 3 months at 40°C & 50°C

Distributed by:



Global Ingredient Solutions

Customerservice@ingsolutions.com
202 Fashion Ln. #202, Tustin, CA 92780
Phone: (714) 884-3872
Fax: (774) 987-3482

All information, recommendations, and suggestions in this formulation concerning the use of the products described herein are based upon present knowledge, experience, tests and data believed to be reliable. It is the customer's responsibility to thoroughly test the formulation, or any variation of it, to determine suitability for the customer's own use. The actual use of products produced by Kemin Industries, Inc. (Kemin) by the customer or others is beyond Kemin's control. No guarantee, express or implied, is made by Kemin as to the effects of such use or the results to be obtained. No warranty of any kind, express or implied, is made by Kemin except that the products sold hereunder shall be of merchantable quality, and conform to relevant specifications and relevant law. The customer shall assume all risks and liability for results of use by the customer or third parties of the products, including use by the customer of such products in combination with other substances. For the complete disclaimer please see www.kemin.com/personalcare/formulations.

