

# High Slip Winter Moisturizer with Lysofix™ Liquid

Formulation: KPC/ PD14022.02



Distributed by:

Global Ingredient Solutions

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

Phases	Ingredients	% w/w
A	Water	53.85
B	Carbomer 940	0.30
C	Propylene glycol	3.00
	Glycerol	3.00
	Xanthan Gum	0.10
D	<b>Lysofix™ Liquid - Glycerin (and) Glycine soja (Soybean) Seed Extract</b>	1.50
E	PEG-100 Stearate (and) Glyceryl Stearate	2.00
	Stearyl Alcohol	3.50
	Dimethicone	2.00
	Shea Butter	1.00
	Mineral Oil	20.00
	Caprylic/Capric Triglyceride	4.00
	Ethyl Hexyl Palmitate	5.00
F	Triethanolamine	0.25
G	Imidazolidinyl Urea (and) Iodopropynyl Butylcarbamate <sup>1</sup>	0.40
H	Phenoxyethanol (and) Ethyl Hexyl Glycerine <sup>2</sup>	0.40

**Total: 100**

**Bold denotes products available from Kemin.**

<sup>1</sup>Liquid Germall Plus - <sup>2</sup>Euxyl PE 9010

## Manufacturing Process:

1. Sprinkle Phase B into Phase A while homogenizing for 10 minutes.
2. Add premixed Phase C to Phase A and heat to 82°C.
3. Add Phase D.
4. Heat Phase E to 82°C and add to heated Phase A.
5. Homogenize for 10 minutes.
6. Switch to sweep mixing.
7. Below 60°C, add Phase F and allow mixing until uniform.
8. Below 45°C, add Phase G and H consequently.
9. Cool down to room temperature and mix until uniform.

## Characteristics:

Appearance: Smooth, glistening emulsion that spreads easily  
Color: White  
Odor: Fragrance-free  
pH: 5.5±0.5  
Viscosity: 25,000 to 30,000 cP  
Centrifuge: No separation at RT and 40°C

## Emulsion Stability:

- Results to date:
- Stable for 3 month at 45°C

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