

# Soothing After Sun Body Lotion

with **Lysofix™ Liquid** and **Rosamox™**

Formulation: KPC/PD12026.01



- ◆ Soothing effect
- ◆ Fresh sensation
- ◆ Leaves skin supple & instantly hydrated

Phases	Ingredients	% w/w
A	Deionized Water	62.73
	Sodium Dehydroacetate	0.12
B	Glycerin	3.00
	Xanthan Gum	0.30
C	<b>Lysofix™ Liquid - Glycerin (and) Glycine soja (Soybean) Seed Extract</b>	<b>5.00</b>
D	Behenyl Alcohol <sup>1</sup>	4.00
	Diheptyl Succinate (and) Capryloyl Glycerin <sup>2</sup> / Sebacic Acid Copolymer	6.00
	Caprylic/Capric Triglycerides <sup>3</sup>	5.00
	<i>Helianthus annuus</i> (Sunflower) Oil	8.00
	<b>Rosamox™ - <i>Helianthus annuus</i> (Sunflower) Seed Oil (and) <i>Rosmarinus officinalis</i> (Rosemary) Leaf Extract</b>	<b>0.10</b>
	Glyceryl Stearate SE	3.75
E	Phenoxyethanol (and) Ethylhexylglycerin <sup>4</sup>	1.00
F	Deionized Water	q.s. to 100
		<b>Total: 100</b>

**Bold denotes products available from Kemin.**

<sup>1</sup>Lanette® 22 - BASF; <sup>2</sup>Lexfeel® N 350 - Inolex; <sup>3</sup>Jeechem CTG - Jeen Products; <sup>4</sup>Euyl® PE 9010 - Schulke Inc.

## Manufacturing Process:

1. Weigh Phase A, adjust homogenizer to start mixing.
2. Premix Phase B, add to the main beaker while homogenizing. Heat to 80-82 °C.
3. Add Phase C to the main phase when heated, until uniform.
4. Heat Phase D to 82-85 °C. Add to the main phase and homogenize for 15 minutes.
5. Stop the homogenizer. Switch the batch to low speed sweep mixing.
6. Add Phase E at 45 °C.
7. Make up water lost in heating with Phase F. Mix until cool (30 °C) and uniform.

## Stability:

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

## Characteristics:

Appearance:	Smooth and uniform.
pH:	5.0-6.0 at 20 °C
Viscosity:	3,000-5,000 cP at 20 °C Brookfield Viscometer, LVT, Spindle 4, 30 rpm
Centrifuge:	No phase separation at RT and 40 °C 4,000 rpm, 30 minutes

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