



Phoenix Skin and Bath Products

FREEZE FRAME III SOOTHING LOTION

(ARL-20-03G)

This lotion contains Phenomulse CE-4 to cool, calm and soothe irritated skin due to environmental conditions. Perfect for an after sun lotion using Pecogel H-12 to help moisturize irritated skin. Pelemol 899 eases spreadability and leaves a light cushiony feel.

PHASE A	%W/W
Deionized Water (Water)	23.30
Farmal 1445 High Maltose Corn Syrup (Saccharide Hydrolysate) Corn Products	5.00
PECOGEL H-12 (PVP/Polycarbamyl Polyglycol Ester) PHOENIX CHEMICAL, INC	3.00
PECOSIL PS 112 (Dimethicone PEG-7 Phosphate) PHOENIX CHEMICAL, INC	1.00
PHASE B	
PHENOMULSE-100 (Polyhydroxystearic acid (and) Isononyl Isononanoate (and) Ethylhexyl Isononanoate (and) Sodium Cocamidopropyl PG-Dimonium Chloride Phosphate) PHOENIX CHEMICAL, INC	20.00
PELEMOL 899 (Isononyl Isononanoate (and) Ethylhexyl Isononanoate) PHOENIX CHEMICAL, INC	11.50
PECOSIL FSL-300 (Perfluorononyl Dimethicone) PHOENIX CHEMICAL, INC	1.00
PHASE C	
Euxyl K-100 (Benzyl Alcohol (and) Methylchloroisothiazolinone (and) Methylisothiazolinone) Schulke & Mayr	0.10
PHASE D	
PHENOMULSE CE-4 (Water (and) Decafluoropentane (and) Polyhydroxystearic acid (and) Sodium Cocamidopropyl PG-Dimonium Chloride Phosphate (and) Isononyl Isononanoate (and) Ethylhexyl Isononanoate) PHOENIX CHEMICAL, INC	32.50
PHASE E	
Salcare SC95 (Polyquaternium-37 & Mineral Oil & PPG-1 Trideceth-6) BASF	2.60
TOTAL	100.00

PROCEDURE

PHASE A: Combine ingredients with low shear mixing until uniform.

PHASE B: Combine ingredients of Phase B with high speed, high shear mixing for 1-2 minutes, or pass through an inline homogenizer. Add Phase B to Phase A with medium speed low shear mixing.

PHASE C: Add Phase C and continue low sheer mixing until emulsion is uniform.

PHASE D: Add with medium speed, low sheer mixing for 1-2 minutes, or pass through an inline homogenizer.

PHASE E: Add slowly with high speed high sheer mixing or pass through homogenizer.

