



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

### 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.

