



151 INDUSTRIAL PARKWAY • BRANCHBURG, N.J. 08876 • TEL: (908) 707-0232 • FAX: (908) 707-0186
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Sulfate-Free Pearlized Hand Soap ARL-24-26-1

PHASE A	% W/W
Deionized Water	42.45
Stepan Mild SL3 BA ³ (Disodium Laureth Sulfosuccinate)	20.00
Bio-Terge AS-40 ³ (Sodium C14-16 Olefin Sulfonate)	20.00
Colateric COAB ⁴ (Cocamidopropyl Betaine)	8.00
Cithrol EGDS ² (Glycol Distearate)	1.50
PHOENOTAINE® C-35¹ (Sodium Cocamidopropyl PG- Dimonium Chloride)	3.00
PHOENATE® 150 DSA¹ (PEG-150 Distearate)	1.75
DICOPAMINE® PC-35¹ (Cetrimonium Chloride (and) Dimethicone PEG-7 Phosphate)	1.50
PECOSIL® PSQ-418¹ (Steardimonium Hydroxypropyl PEG-7 Dimethicone Phosphate Chloride)	1.00
PHASE B	
BIOGEL® HEMP SEED BUTTER¹ (Hydrogenated Hemp Seed Oil)	0.50
PHASE C	
Preservative	QS
FD&C Red#33 ⁵ (CI 17200) (0.50% aqueous solution)	0.25
FD&C Blue#1 ⁵ (CI 42090) (0.50% aqueous solution)	0.05
	100.00
1: PHOENIX CHEMICAL, Inc.	
2. Croda	
3. Stepan	
4. Colonial Chemical	
5. Sun Chemical	

Procedure:

In main kettle, charge water and add all components of Phase A. Heat to 70-75°C while mixing until completely homogenous. Begin cooling and add Phase B components at 50-55°C and mix until homogenous. At room temperature add Phase C and mix until homogenous.

INGREDIENT	FUNCTION
PHOENATAINE C-35	Mild surfactant and foam enhancer
PHOENATE 150 DSA	Thickening agent
DICOPAMINE PC-35	Mild conditioning agent
PECOSIL PSQ-418	Exhibits extreme moisturizing properties
BIOGEL HEMP SEED BUTTER	Adds conditioning and moisturization