



Tomorrow's Vision... Today!

AC Cashmere Protein PF Sample Formulations

Code: 20584PF
INCI Name: Hydrolyzed Wool
CAS #: 69430-36-0
EINECS #: 274-001-1

Sample Finished Formulation Guidelines

Shine Enhancing Conditioning Shampoo
FNFHB01-17 – Shine Enhancing Conditioning Shampoo

Version1/12-12-15/Form#87



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Shine Enhancing Conditioning Shampoo

Formulation Code: FNFHB01-17

Ingredient	Trade Name/Vendor	%
Phase I		
Water	Water	QS
Water (and) Algae Extract	AC Alg-Moist EAU/Active Concepts, LLC	3.00
Sodium Phytate	Dermofeel PA-3/Dr. Straetmans	0.20
Phase II		
Ammonium Laureth Sulfate	Standapol EA-3/Cognis	25.00
Cocamidopropyl Betaine	Velvetex BA-35/Cognis	10.00
PEG-3 Distearate (and) Sodium Laureth Sulfate	Euperlan PK-900 BENZ-W/Cognis	2.00
PEG-150 Pentaerythrityl Tetrastearate	Crothix/Croda	0.30
Phase III		
Sodium Cocoyl Hydrolyzed Silk	AC Foaming Silk/Active Concepts, LLC	5.00
Lactobacillus/Wasabia Japonica Root Ferment Extract & Lactobacillus/Date Fruit Ferment Extract & Melanin Silanetriol & Polyquaternium-10 & Rice Amino Acids & Superoxide Dismutase & Polyperfluoroethoxymethoxy Difluoroethyl PEG Phosphate	AC Colorplex Vol/Active Concepts, LLC	1.50
Hydrolyzed Wool	AC Cashmere Protein PF	1.50
Phase IV		
Leuconostoc/Radish Root Ferment Siltrate	Leucidal Liquid/Active Micro Technologies	2.50
Fragrance	Green Tea & Bergamot 302-671/American Flavors & Fragrances	0.10

Manufacturing Process:

- Phase I:** Combine above ingredients in individual containers and mix until uniform. Heat to 75C.
- Phase II:** Combine above ingredients in individual containers and mix until uniform. Heat to 75C. Add step two to step one, using a prop mixer set at moderate speed and mix for 45-60 minutes. Hold the temperature at 75C.
- Phase III:** Continue to mix and cool to 45C and add above ingredients and mix until uniform.
- Phase IV:** Add above ingredients and mix until uniform.
- Phase V:** Add above ingredients at 40C. Mix until uniform and cool to room temperature.