

# Revive & Shine Apple Cider Vinegar Hair Conditioner

Formulation #PC-CO01

Revive & Shine Apple Cider Vinegar Hair Conditioner is formulated with nourishing conditioners to condition hair without weighing it down. Infused with apple cider vinegar to revive tired hair, soothe the scalp and leave hair soft, shiny and smooth.

How to use: Wet hair. Apply evenly from root to tip and leave on for 1-3 minutes. Rinse thoroughly.

Phase	Ingredient	Wt, %	Function	Procedure
A	Water	82.50	Carrier	1. Premix Phase A and heat to 75-80°C while mixing. 2. In sperate vessel, premix Phase B. Heat to 75-80°C and mix until melted and homogeneous.
A	Glycerin	2.00	Humectant	
A	<b>Mackamide® AME-100</b> (Acetamide MEA)	1.00	Conditioning	
A	Apple Cider Vinegar (filtered) (Water and Acetic Acid)	5.00	Active	
B	Cetearyl Alcohol	4.00	Co-emulsifier	3. Increase mixing of Phase A. Add Phase B to Phase A and mix until combined. 4. Decrease mixing and begin cooling. Homogenize at 65°C.
B	<b>Mackernium® SDC 85</b> (Stearalkonium Chloride, Cetearyl Alcohol)	2.00	Conditioning/ Emulsifier	
B	<b>Mackine® 301 U MB</b> (Stearamidopropyl Dimethylamine)	1.00	Conditioning	
B	Helianthus Annuus (Sunflower) Seed Oil	1.50	Emollient	5. At <50°C, add phase C. Adjust the pH to 4.0-5.0 with citric acid if necessary.
C	Phenoxyethanol and Ethylhexylglycerin	1.00	Preservative	
C	Citric Acid, 50% (Water and Citric Acid)	QS	pH adjust	6. At <40°C, fill in bottles and let cool completely before capping.

Appearance: White to off-white emulsion

pH @ 25°C: 4.0-5.0

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