

**Pearlizing Protein Conditioner (all hair types) - 1023**

<b>Ingredient</b>	<b>Function</b>	<b>Percent</b>	<b>Wgt (g)</b>	<b>Wgt (oz)</b>	<b>Vol (tsp.)</b>
<b>Phase A</b>					
Distilled Water (aqua)		82.80	165.60	5.84	33.12
<b>Phase B</b>					
Glycol Stearate IP (glycol stearate, stearamide AMP)		4.00	8.00	0.28	1.60
CreamMaker CAT (behentrimonium methosulfate, cetearyl alcohol)		4.00	8.00	0.28	1.60
Grapeseed Oil (Vitis vinifera [Grape] seed oil)		2.00	4.00	0.14	0.80
<b>Phase C</b>					
Rice Quat (cocodimonium hydroxypropyl hydrolyzed rice protein)		4.00	8.00	0.28	1.60
Provitamin B5 (d-panthenol, water)		2.00	4.00	0.14	0.80
<b>Phase D</b>					
Paraben-DU (propylparaben, methylparaben, diazolidinyl urea, propylene glycol)		0.80	1.60	0.06	0.32
Fragrance Citrus Punch		0.30	0.60	0.02	0.12
Citric Acid (citric acid)		0.10	0.20	0.01	0.04

**Method**

Heat phase A to 150F/67C. Add phase B into a heat resistant glass jar and heat to the same temperature until melted. Add phase A to phase B and stir until it forms a homogenous lotion. Remove from the heat and add phase C when the temperature is below 100F/40C. Add phase D and stir. Measure the pH, between 4.5 and 5.5 is a good pH. Adjust the pH with citric acid if necessary.

**Properties**

Universal hair conditioner with rice protein and grape seed oil to give the hair protection and improves softness. Provitamin B5 is added for nourishing and moisturizing. The conditioning ingredients are CreamMaker CAT and Rice-Quat. Can be used in lotion bottles or tubes.