


Ingredient	Product Type	Market Focus	Function	Skin Types	Method	Snap Shot
	Cream/Lotion	Men and Women	Moisturization Exfoliate	All	Cold Process	Natural exfoliating cream that will leave skin feeling refreshed

Key Ingredients		
Trade Name	INCI Name	Wt%
<b>PHASE A</b>		
DI Water	Aqua	QS
MT-100SA (Presperse)	TiO2/Aluminum Hydroxide/Hydrated Silica	2.00
<b>PHASE B</b>		
Glypure 70 (70%) (DuPont)	Glycolic Acid	8.00
Sodium Hydroxide	Sodium Hydroxide	QS
<b>PHASE C</b>		
Genuvisco Carrageenan Gum (CP Kelco)	Carrageenan Gum	0.70
Vanzan NF (RT Vandebilt)	Xanthan Gum	0.80
<b>PHASE D</b>		
<b>Hydresia® G2 (Botaneco)</b>	<b><i>Carthamus tinctorius</i> (Safflower) Oleosomes + Glycerin + Water</b>	<b>12.50</b>
Fragrance	Fragrance	0.40
<b>PHASE E</b>		
Veegum Ultra (RT Vandebilt)	Magnesium Aluminum Silicate	2.00
Preservative	Preservative	QS

Procedure
<ol style="list-style-type: none"> <li>1. Homogenize Phase A for 10-15 minutes to disperse TiO2.</li> <li>2. Adjust the pH of Glycolic Acid 70% solution to 4.0 with Sodium Hydroxide. (Be careful the reaction is exothermic! Add some water from the water phase if solution becomes solid). Add phase B into Phase A.</li> <li>3. Add dry premix of Phase C in to Phase A and mix until gum is dispersed.</li> <li>4. Switch to propeller and add Phase D (premix) and mix for 15 minutes.</li> <li>5. Add Phase E in order of appearance and mix until uniform about 20 minutes.</li> <li>6. Use spatula to help smooth the batch when the cream is uniform.</li> </ol> <p><b>SPECIFICATIONS</b>            Viscosity range (RVTC/2: 35,000 – 55,000 cps            pH range: 4.0 – 4.2</p>

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