PILOT CHEMICAL COMPANY
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FORMULARY SHEET

Description: An Economy formula for hand and body lotion.

Economy Hand and Body Lotion

	Ingredient	Description	% w/w
1.	Water		to 100%
2.	*Acrylates/C10-30 alkyl acrylate crosspolymer*		0.2
3.	Glycerin		5.00
4.	Mineral Oil		8.00
5.	Petrolatum		4.00
6.	Maquat® SC 1632	*Cetearyl Alcohol, PEG 40 Castor Oil, Stearalkonium Chloride*	1.50
7.	Stearic Acid		2.00
8.	*Laureth-4*		2.00
	Oleth-20		
9.	*Dimethicone*		1.00
10.	Sodium Hydroxide 10% solution		0.5
11.	Preservative, Perfume, Dye		Q.S
12.	Citric Acid / Sodium Hydroxide		To pH 5.5 – 6.5

Procedure:

1. Add water to the tank and heat to 80^0 C. Sprinkle Acrylates/C10-30 alkyl acrylate crosspolymer and mix well. Add glycerin. This is the water phase.
2. In another container add ingredients 4 through 9 and heat to 80^0 C with slow mixing. This is the oil phase.
3. Add the oil phase slowly to the water phase with high shear mixing. Mix well. Start cooling the batch to room temperature. At 40^0 C add the rest of the ingredients in the order listed with continuous mixing. Cool to room temperature with mixing.

For additional formulary and product information, please visit www.pilotchemical.com or contact us at 1-800-70-PILOT

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