

SATIN LOTION w/ CHEMSIL SPD

FORMULATION:**% WT.**

A.	Deionized Water		63.00
B.	Carbopol 981	(Noveon)	0.50
	<i>Carbomer</i>		
C.	Pemulen TR-1	(Noveon)	0.10
	<i>Acrylates / C10-30 Alkyl Acrylate Crosspolymer</i>		
D.	Chemsil SPD	(Chemsil Silicones, Inc.)	10.00
	<i>Dimethicone / Dimethicone Vinyl Crosspolymer</i>		
E.	Volasil® 995	(Chemsil Silicones, Inc.)	10.00
	<i>Cyclopentasiloxane</i>		
F.	Dimethisil® DM-6	(Chemsil Silicones, Inc.)	7.00
	<i>Dimethicone</i>		
G.	TEA 85%		Q.S. to pH 6.5-7.0
H.	Germaben II	(ISP)	0.50
	<i>Propylene Glycol (and) Diazolidinyl Urea (and) Methylparaben (and) Propylparaben</i>		
I.	Deionized Water		8.00

PROCEDURE:

NOTE: This is a cold process. Heat is not required.

RECOMMENDED MIXING TEMPERATURE = 25°C - 35°C

AVOID OVER-AERATING BATCH.

1. Disperse B slowly into A at high agitation. Mix well until uniform.
2. Add C to step 1 at high agitation. Mix well until uniform. Allow to deaerate so slurry is free of air bubbles or foam before adding additional ingredients.
3. Premix D, E & F and add to main vessel. Mix until uniform.
4. Add G and adjust system to pH 6.5-7.0 (pH 5.5 recommended).
5. Premix ingredients H & I. Blend into main system. Mix until uniform.

Specifications: *viscosity = 50,000 cs* *pH = 7.0* *solids = 8.5%*

Product Code: CRL-03-58A

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