

Hair Relaxer

Contains REACT-NTI products (highlighted in red)

Formulary

Ingredients	% Wt.
<i>Phase A</i>	
Jeecol CS-20-D (Jeen) (cetareth-20)	11.50
Cetyl alcohol 95	1.00
Polychol-15 (Croda) (laneth 15)	1.00
Protalan L-75 (Croda) (PEG-75 lanolin)	0.50
EnviroPure 301 (React-NTI)	23.00
Mineral oil 65/75 (Penreco)	13.00
<i>Phase B</i>	
Deionized water	29.00
<i>Phase C</i>	
Maypon 4C (Inolex) (potassium cocoyl hydrolyzed collagen)	0.20
Sodium hydroxide 50%	4.18
Deionized water	11.62
<i>Phase D</i>	
MPDiol Glycol (Lyondell) (methyl propanediol)	5.00
<i>Procedure</i>	
1.	Heat Phase A with slow agitation to 80°C.
2.	Heat Phase B to 80°C and add to Phase A with propeller agitation.
3.	Mix for 10 minutes and cool to 55°C.
4.	Add Phase C with agitation and continue force cooling.
5.	Separately prepare Phase D.
6.	Slowly add Phase D to the batch at 25°C.
7.	Mix and cool to 19°C.



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