

# Hair Straightener (Relaxer)

Contains REACT-NTI products (highlighted in red)

## Formulary

Ingredients	% Wt.
<i>Phase A</i>	
<b>EnviroPure 301-310 (React-NTI)</b>	<b>8.00</b>
Canola oil (Naturanola)	10.00
Polawax (Croda)	5.00
Cetyl alcohol NF (Henkel)	1.00
Lipocol S-2 (Henkel)	0.50
<i>Phase B</i>	
Glycerine (Dow Chemical)	2.00
Brij 78 (ICI Sufactants)	2.00
Deionized water	q.s.
<i>Phase C</i>	
Sodium hydroxide 50% (Fisher Scientific)	4.00
<i>Phase D</i>	
Color	q.s.
Fragrance	q.s.
<i>Procedure</i>	
1.	Heat Phase A in a batch tank to 70-75°C.
2.	In a separate tank, heat Phase B to 75°C.
3.	Add Phase B to Phase A with constant agitation.
4.	Cool to room temperature and add Phase C.
5.	To reach final volume, q.s. with cold water.
6.	Add fragrance and color, if desired.



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