

### High Water Containing Daily Lotion

	INGREDIENT	FUNCTION	% BY WEIGHT
1.	Purified Water	Diluent	80.27
2.	Versene™ NA2	Chelating Agent	0.05
3.	Glycerine	Humectant	2.0
4.	NovoXan™ 80T	Thickener	0.1
5.	Ultrez™ 20	Thickener	0.1
6.	TECO® Care 165	Emulsifier	2.00
7.	Apwax 80	Emulsifier	1.0
8.	CETIOL® SN	Emollient	4.5
9.	CETIOL® 868	Emollient	3.0
10.	<b>ESSACHEM™O (Paradigm Science/TC USA)</b>	<b>Light, Fast absorbing Liquid Ester</b>	<b>1.5</b>
11.	<b>ESSACHEM™BW (Paradigm Science/TC USA)</b>	<b>Emollient ester, spreadability</b>	<b>3.0</b>
12.	Lanette® S3	Co-emulsifier	1.5
13.	Sodium Hydroxide (36% Solution)	pH Adjuster	0.08
14.	Neolone PE	Preservative	0.6
15.	Perf Comp 299175	Fragrance	0.3
	Total		100.00

#### Manufacturing Procedure:

**Phase 1:** Into the main vessel add 1. Set the mixer on a high speed and add 2., mix until dissolved. Add 3., mix until dissolved. Slowly add in 4., mix until no lumps remain. Turn off the stirrer. Slowly sprinkle 5., leave for 30 minutes or until 5. is completely hydrated. Once 5 is completely hydrated and the bulk is uniform and completely homogenized, commence heating to 80C-85C.

**Phase 2:** In a separate vessel add: 6,7,8,9,10,11,12. Commence heating the pre-mix vessel to 80C-85C. When both phases are at 80C add the pre-mix to the main batch and homogenize for 5 minutes. Commence cooling to 40C with moderate stirring. When below 40C, add 14 and mix until homogenous. Add 15 and mix until homogenous. Continue to cool to 23C. Check Product specifications.

**Product Specifications:** pH 5.30-6.30/Viscosity 230-35,000cps/color, white/ appearance, vicious, mobile liquid emulsion/conductivity, 642

Formula courtesy of  **TC USA** INC.

Development Support provided by ProTec Indredia

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