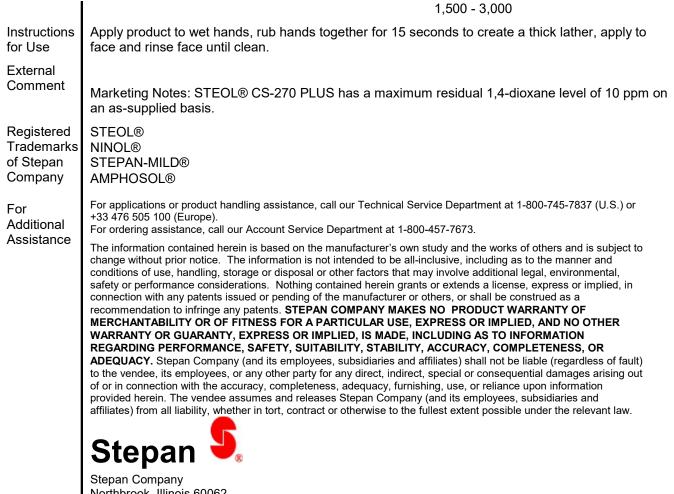


Name	CLEAR MILD FACIAL CLEANSER		
No.	1352		
Description	A mild facial cleanser using ether sulfate and AMPHOSOL® CS-50 that creates a lacy foam and leaves skin feeling soft and clean.		
Formulation	INGREDIENTS:	<u>% by Weight</u>	<u>Functionality</u>
	=== Phase 1 === Deionized Water Glycerin STEOL® CS-270 C (STEOL® CS-270 PLUS) === Phase 2 ===	7.000	Humectant Surfactant
	NINOL® CAA STEPAN-MILD® L3		Viscosity Modifier Emollient
	=== Phase 3 === AMPHOSOL® CS-50		Surfactant
	=== Phase 4 === Microcare® PE [Thor] Phenoxyethanol	0.750	Preservative
	=== Phase 5 === Citric Acid Sodium Hydroxide Sodium Chloride	0.001	pH Adjuster pH Adjuster Viscosity Adjuster
	Total	100.000	
Procedure	 Note: This batch is made at room temperature. No heating is needed. 1. Add Deionized Water, Glycerin and STEOL® CS-270 C (or STEOL® CS-270 PLUS) to the main vessel with regular mixing until batch is homogenous. 2. Add NINOL® CAA and STEPAN-MILD® L3 one at a time** to the main vessel with regular mixing until batch is homogeneous. **NOTE: Ensure batch is crystal clear before addling the next raw material. 3. Slowly add AMPHOSOL® CS-50 to the main vessel with regular mixing until batch is clear and uniform. 4. Add Microcare® PE to the main vessel with regular mixing. 5. Add Citric Acid and Sodium Hydroxide as needed to adjust pH. 6. Add Sodium Chloride as needed to reach target viscosity. **While this formulation provides a starting point, it is up to the end manufacturer to ensure their formulations and products meet all application regulations, including the New York 1,4-dioxane concentration limits. 		
Physical Properties	Appearance, as is pH, as is Viscosity, LV63 at 6 rpm, cps	Clear to sligh gel 5.5 - 6.5	ntly hazy, flowing liquid



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