



Formulation

Name	"LOTION-LIKE" HAND SOAP WITH TRICLOCARBAN (TCC)	
No.	768	
Description	A unique "lotion-like" formulation with nice, lacey foam and great cleansing capabilities. It is based on HALLSTAR® SAB-2, an effective suspending agent for Triclocarban.	
Formulation	INGREDIENTS:	<u>% by Weight</u>
	=== Phase 1 ===	
	Deionized Water	q.s.
	Glycerin	1.5
	STEPANOL® AM-V	52.0
	NINOL® M-10	2.0
	=== Phase 2 ===	
	Distearyl Phthalic Acid Amide (HALLSTAR® SAB-2)	4.0
	Nipaguard TCC (NIPA) Triclocarban	1.5
	=== Phase 3 ===	
	Preservative, Fragrance	q.s.
	Versene 100 (Dow Chemical) Tetrasodium EDTA	q.s.
	=== Phase 4 ===	
	Sodium Hydroxide, 50% sol.	q.s.
	Citric Acid, 50% sol.	q.s.
	Total	100.0
Procedure	Combine ingredients in Phase 1 and start heating to 75-80°C. Add Phase 2 ingredients at 80°C and mix for 20-25 minutes or until dissolved. Start cooling. At 38°C, add Phase 3 ingredients. Cool to 25°C. Adjust pH with Sodium Hydroxide and Citric Acid.	
Physical Properties	Appearance	Opaque "lotion-like" liquid
	pH, as-is	5.0 - 6.0
	Viscosity at 25°C, #4/20 RVT, cps	5000 - 5600
Storage/Stability	1 year at 25°C	Stable
	3 months at 42°C	Stable
	1 week at 50°C	Stable
Instructions for Use	Apply to wet skin, lather and rinse.	
External Comment	Time kill at 30 sec. contact time against Pseudomonas aeruginosa, Salmonella typhi and Staphylococcus aureus was found to be 99.0%.; This type of product is considered to be an over-the-counter (O-T-C) drug by the United States Food and Drug Administration (FDA). In order to market such a product, one must consult the appropriate FDA monograph for efficacy and manufacturing requirements and product must be manufactured in a registered FDA facility.	
Registered Trademarks	STEPANOL® NINOL®	

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For
Additional
Assistance

For applications or product handling assistance, call our Technical Service Department at 1-800-745-7837 (U.S.) or 011-334-76-505-100 (Europe).

For ordering assistance, call our Account Service Department at 1-800-457-7673.

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