



Formulation

Name	HAND SOAP LIQUID WITH D-LIMONENE	
No.	197	
Description	This formulation is based on BIO-TERGE® 804, a skin-cleansing surfactant concentrate blend.	
Formulation	INGREDIENTS:	% by Weight
	BIO-TERGE® 804	50.00
	Glycol Stearate (HALLSTAR® EGMS)	1.50
	Deionized Water	34.75
	d-Limonene	10.00
	Sodium Chloride	3.75
	Total	100.0
Procedure	Mix first three ingredients and heat to 60°C with slow agitation. Glycol Stearate must be thoroughly dispersed in solution. Start cooling while mixing slowly. Add d-Limonene when temperature is between 25°C and 30°C while mixing. Mix until homogeneous. Add salt and mix until homogeneous.	
Physical Properties	Appearance at 25°C	Pearled viscous liquid
	pH, as is	7.0
	Viscosity 25°C, cps	5000
	Odor	Citrus
Instructions for Use	Use as is from a dispensing bottle.	
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For Additional Assistance	<p>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).</p> <p>For ordering assistance, call our Account Service Department at 1-800-457-7673.</p> <p>Nothing contained herein grants or extends a license, express or implied, in connection with patents, issued or pending, of the manufacturer or others. The information contained herein is based on the manufacturer's own study and the works of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be liable (regardless of fault) to the vendee's employees, or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of such information.</p>	



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