



Formulation

Name	CONDITIONING ANTI-DANDRUFF SHAMPOO	
No.	767	
Description	This multi-functional formulation cleans, conditions, and helps control dandruff. HALLSTAR® SAB-2 works as the suspending agent for silicone and zinc pyrithione.	
Formulation	INGREDIENTS:	<u>% by Weight</u>
	=== Phase 1 ===	
	Deionized Water	q.s.
	STEPANOL® AM-V	70.0
	NINOL® M-10	2.0
	Versene 100 (Dow Chemical) Tetrasodium EDTA	0.2
	=== Phase 2 ===	
	HALLSTAR® SAB-2	5.0
	Dow Corning 200 Fluid, 12,500 cps (Dow Corning) Dimethicone	2.0
	Zinc Omadine (Arch) Zinc Pyrithione	4.2
	=== Phase 3 ===	
	Preservative, Dye, Fragrance	q.s.
	Sodium Hydroxide	q.s.
	Citric Acid	q.s.
	Ammonium Chloride	q.s.
	Total	100.0
Procedure	Combine ingredients in Phase 1. Start heating to 175-180° F. Add HALLSTAR® SAB-2. When it is dispersed, add Dimethicone. Add Zinc Pyrithione. Mix for 20-25 minutes. Start cooling. At 25°C add Preservative, Dye, and Frangrance. Mix. Adjust pH with Sodium Hydroxide or Citric Acid. Adjust viscosity with Ammonium Chloride, if desired.	
Physical Properties	Appearance at 25°C pH, as is Viscosity at 25°C, #4/20 RVT, cps	Opaque Liquid 5.0 - 6.2 5800
Storage/Stability	1 year at 25°C 3 months at 42°C	Stable Stable
Instructions for Use	Apply to wet hair, work into a lather, and rinse off.	
External Comment	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.	
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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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