

Anti-Dandruff Shampoo

Formula KCL-007

Kobo Products - formulations

Part	Percent	Ingredients	INCI Name	Supplier
1	24.00	Standapol® ES-2	Sodium Laureth Sulfate	Cognis Corp.
	18.15	Deionized Water	Water	
	10.00	Standapol® A	Ammonium Lauryl Sulfate	Cognis Corp.
	10.00	Carbopol® Aqua SF-1 Polymer	Acrylates Copolymer	Lubrizol, Inc.
	2.30	Triethanolamine	Triethanolamine	BASF
2	27.00	Deionized Water	Water	
	3.00	Velvetex BK-35	Cocamidapropyl Betaine	Cognis Corp.
3	1.40	Deionized Water	Water	
	0.20	Germall® 115	Imidazolidinyl Urea	ISP
	0.10	Disodium EDTA	Disodium EDTA	Dow Chemical
	0.05	Kathon™ CG Preservative	Methylchloroisothiazolinone (And) Methylisothiazolinone	Rohm & Haas
4	2.50	W50ZPT-UF	Zinc Pyrithione (And) Water (And) Sodium Polynaphthalenesulfonate	Kobo Products
	1.00	SME253	Amodimethicone (And) C11-15 Pareth-7 (And) Laureth-9 (And) Glycerin (And) Trideceth-12	Momentive/Kobo Products
	0.20	Glydant	DMDM Hydantoin	Lonza
	0.10	FD&C Blue 1 (1% aqueous solution)	FD&C Blue No. 1	LCW A Sensient Co.
		100		

Manufacturing Procedure

1. Disperse Carbopol® Aqua SF-1 Polymer to water. Add Standapol® ES-2 and Standapol® A in order with gentle mixing.
2. Neutralize to pH 8 with TEA.
3. Premix Part 2 and add to Part 1 with gentle mixing.
4. Premix and dissolve Part 3, then add Part 3 to Parts 1 and 2 with gentle mixing.
5. Add Part 4 to the main batch with gentle mixing.

Description

This shampoo is a rinse off product used to prevent dandruff. W50ZPT-UF contains antibacterial Zinc Pyrithione, an ingredient with broad spectrum anti-bacterial and anti-fungal properties. It also contains Momentive's Silicone, SME253, which helps to provide enhanced smoothness, softness and manageability.

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Formulations

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The Powder & Dispersion Specialist

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