

Formulary Data

Water-Based Hair Styling Wax

DESCRIPTION: This water-based styling wax gives hair shine and definition. **PERFORMACOL™ 350 Alcohol** provides conditioning while the **PERFORMALENE™ 400 Polyethylene** separates and texturizes without greasiness or stickiness. The **PERFORMATHOX™ Ethoxylates** function as emulsifiers and add creaminess to the formula.

	INGREDIENTS	% BY WEIGHT
Phase 1	Deionized Water	45.75
	Propylene Glycol	5.00
	PVP/VA Copolymer in water (50%) ^①	0.50
Phase 2	PERFORMALENE™ 400 Polyethylene [Polyethylene]*	9.50
	PERFORMACOL™ 350 Alcohol [C ₂₀₋₄₀ Alcohol]*	3.00
	Mineral Oil ^②	8.50
	Isopropyl Myristate ^③	6.50
	Ethylhexyl Palmitate ^④	5.25
	C12-15 Alkyl Benzoate ^⑤	5.00
	PERFORMATHOX™ 420 Ethoxylate [C ₂₀₋₄₀ Pareth-3]*	2.50
	PERFORMATHOX™ 480 Ethoxylate [C ₂₀₋₄₀ Pareth-40]*	2.50
	PERFORMATHOX™ 450 Ethoxylate [C ₂₀₋₄₀ Pareth-10]*	5.00
Phase 3	Preservative	1.00

PROCEDURE: Heat Phase 1 to approximately 85°C. Heat Phase 2 to approximately 95°C. Add Phase 2 to Phase 1 and mix until emulsified. Cool to 75°C and add Phase 3. Pour into containers while still fluid.

① PVP/VA W-735-ISP

② Drakeol 7 - Calumet

③ Liponate® IPM - Lipo Chemicals Inc.

④ Protachem OP: Protameen Chemicals Inc.

⑤ Finsolv® TN - Innospec Active Chemicals

*CTFA / INCI Name

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