



O/W Sunscreen Lotion

Formulary Data

DESCRIPTION: In this formula **PERFORMA V™ 6038 polymer** boosts SPF and provides film forming benefits. The formula applies smoothly, evenly and provides a moisturizing feel while leaving skin feeling soft and protected from the sun.

	Ingredients	% By Weight
Phase 1	Glyceryl Stearate (and) PEG-100 Stearate	4.00
	Polysorbate-20	2.00
	Octinoxate	7.50
	Oxybenzone	4.00
	Octisalate	5.00
	Cetearyl Alcohol	0.75
	C12-15 Alkyl Benzoate	5.00
	PERFORMA V™ 6038 polymer (Synthetic Wax)	2.00
Phase 2	Deionized Water	52.15
	Disodium EDTA	0.10
	Carbomer (2%) ①	12.00
	Propylene Glycol	4.00
Phase 3	Triethanolamine 99%	0.50
Phase 4	Propylene Glycol (and) Diazolidinyl Urea (and) Methylparaben (and) Propylparaben	1.00

PROCEDURE: 1) Separately heat Phase 1 and Phase 2 to - 80°C with moderate mixing. 2) At 80°C add Phase 1 to Phase 2 with moderate mixing. 3) Hold temperature and continue to mix for ten minutes. 4) Cool with mixing to 45°C. 5) At 45°C add Phase 3, mixture will thicken. 6) Add Phase 4 and fill containers.

① Carbopol 940 - Lubrizol

NPT Formula SL046-39-1 | *INCI Name

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