

# Day Wear Cream

## Formula KSL-091A

Kobo Products - formulations

Part	Percent	Ingredients	INCI Name	Supplier
<b>1</b>	5.00	ABIL® WE 09	Polyglyceryl-4 Isostearate (And) Cetyl PEG/PPG-10/1 Dimethicone (And) Hexyl Laurate	Evonik
	3.00	ABIL® Wax 9801	Cetyl Dimethicone	Evonik
	1.00	Paraffin Wax 150	Paraffin Wax	Strahl & Pitsch, Inc.
	1.00	Emersol 132	Stearic Acid	Cognis Corp.
	1.00	Castorwax MP-80	Hydrogenate Castor Oil	CasChem
	0.10	Tenox BHT	BHT	Eastman Chemical
<b>2</b>	18.00	<b>TNP50ZSI</b>	C12-15 Alkyl Benzoate (And) Zinc Oxide (And) Polyhydroxystearic Acid (And) Triethoxycaprylylsilane	<b>Kobo Products</b>
	18.00	<b>TNP40VTTS</b>	C12-15 Alkyl Benzoate (And) Titanium Dioxide (And) Alumina (And) Polyhydroxystearic Acid (And) Isopropyl Titanium Triisostearate (And) Triethoxycaprylylsilane	<b>Kobo Products</b>
<b>3</b>	50.90	Deionized Water	Water	
	1.00	Sodium Chloride	Sodium Chloride	Morton Salt
	1.00	Phenonip®	Phenoxyethanol (And) Methylparaben (And) Ethylparaben (And) Propylparaben (And) Butylparaben	Clariant
		100		

### Manufacturing Procedure

1. Combine the ingredients of Part 1. Heat to 80°C (melt and disperse the waxes). Cool to 60°C.
2. Mix Part 2 ingredients until smooth and uniform, then add to Part 1 with propeller mixing. Cool to 50°C.
3. Heat Part 3 to 50°C and mix until clear and free of particles.
4. Add Part 3 to combined Parts 1 and 2 and mix well.
5. Cool to 35°C.

### Description

This Day Wear Cream uses a combination of Kobo's Titanium Dioxide dispersion, TNP40VTTS, and Zinc Oxide dispersion, TNP50ZSI, to provide maximum protection against ultraviolet light. These ultrafine, micronized pigments are suspended in a light, non-oily W/O emulsion base. The combination gives broad spectrum UVA/UVB protection and sheerness on skin.

### Notes

Active Ingredient(s)	
Titanium Dioxide	5.76%
Zinc Oxide	8.37%

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# The Powder & Dispersion Specialist

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