

Line Minimizer with Microspheres and

Formula KFL-011K

Glycospheres

Kobo Products - formulations

Part	Percent	Ingredients	INCI Name	Supplier
1	11.50	SF1528	Cyclopentasiloxane (And) PEG/PPG-20/15 Dimethicone	Momentive/Kobo Products
	8.50	SF1202	Cyclopentasiloxane	Momentive/Kobo Products
	7.50	SF1214	Cyclopentasiloxane (And) Dimethicone	Momentive/Kobo Products
2	7.50	BPD-500W	HDI/Trimethylol Hexyllactone Crosspolymer (And) Silica	Kobo Products
3	54.70	Deionized Water	Water	
	8.00	Glycerin U.S.P. Natural 96%	Glycerin	Univar USA Inc.
	1.00	Sodium Chloride	Sodium Chloride	Morton Salt
	0.50	Gs-VA100C	Butylene Glycol (And) Water (And) Palmitoyl Hydroxypropyltrimonium Amylopectin/Glycerin Crosspolymer (And) Polysorbate 20 (And) Retinol (And) Phenoxyethanol (And) Parabens (And) Hydrogenated Lecithin (And) BHT (And) BHA	Kobo Products
	0.50	Gs-PPY	Water (And) Papain (And) Palmitoyl Hydroxypropyltrimonium Amylopectin/Glycerin Crosspolymer (And) Phenoxyethanol (And) Hydrogenated Lecithin (And) Parabens	Kobo Products
	0.20	Liposorb® O-20	Polysorbate 80	Lipo Chemicals
	0.10	Dowicil™ 200	Quaternium-15	Dow Chemical

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Manufacturing Procedure

Use explosion-proof mixers and equipment during batching process

1. Combine Part 1 liquid ingredients into main tank and homogenize for 15 minutes.
2. Sift in BPD-500W slowly. Continue homogenization for 15 minutes after complete addition of microsphere.
3. In a side container using propeller agitation, mix Part 3 ingredients until solution is homogenous and clear. Add Part 3 to main tank in quarter parts mixing at least 15-20 minutes between each addition.

Batch temperature will increase while mixing.

4. When the batch is homogenous, fill into appropriate units.

Description

This formula visibly reduces wrinkles and lines, and helps to control oily shine throughout the day for a silky appearance on the skin. Kobo's BPD-500W helps to blur the appearance of wrinkles and fine lines. SF1528 is a W/O emulsifier and is used to make this cold emulsion. SF1202 and SF1214 are used to enhance feel during application. Gs-PPY and Gs-VA100C are delivery systems and are able to protect active ingredients from degradation.

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Formulations

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The Powder & Dispersion Specialist

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