

Lotion & Cream Ingredients

Viscosity Modifiers:

Albagel®	Carbomer	Klucel™	RapiThix™
Polargel®	Lubrajel™	Natrosol™ HEC	UltraThix™
MAS	FlexiThix™	Natrosol™ Plus	

Emulsifiers:

Organic Emulsifying Wax	Kostol Natural E	Kostol NatureMuls	PEG-8 Beeswax
Emulsifying Wax NF	Kostol PGP	BELSIL® SPG 128	Cerasynt™
Kostol STMS	Kostol TBP	Permulin D	ProLipid® 141 & 151
BELSIL® DMC 6031	BELSIL® DMC 6038	BELSIL® OW 1500	BELSIL® WO 5000

Emollients

Ceraphyl™ Esters	Shea Butter	BELSIL® CDM 3526	Natural Oils
Lubrajel™	Cocoa Butter	BELSIL® CM 7026	Evoil® Oil Blends
Jolee 7750	BELSIL® DM Fluids	BELSIL® GB 2050	Kester K-24
Orange Peel Wax			

Structuring Waxes

Ceraphyl™ 424	BELSIL® 7026	Kester Wax K-48	Kester Wax K-72
Emulsynt™ GDL	Sunflower Wax	Kester Wax K-62	Rice Bran Wax

Preservatives

Silverion™ 2400	Optiphen™	Conarom™	Germaben™
Germall™	LiquaGard™	LiquaPar™	Suttocide™ A

Functionality:

Avenacare™ - Soothing
 BELSIL® PF 200, PF 22, PDM 20 & 1000 - Shine
 Silk, Soy, Wheat & Keratin Protein - Overall Skin Health
 BELSIL® EG - Texture and Skin Feel
 BELSIL® RG & REG - Transfer Resistance, Texture and Skin Feel
 Sumicos™ & Prestige® Effect Pigments - Visual Enhancement
 Vincience™ - Functional Ingredients
 Escalol™ - Sunscreens

Daily Defense Cream 03-066

Phase A	% W/W	Supplier
Deionized Water	31.80	
Bentonite (Polargel® HV 364).....	1.00	BSI
Water (and) Bentonite (and) Titanium Dioxide (and) Sodium Polyacrylate (and) Picea Abies Wood Extract (and) Xanthan Gum (and) Phenoxyethanol (and) Ethylhexylglycerin (Polargel® UV 1416)	3.50	BSI
Glycerin (and) Glyceryl Polyacrylate (Lubrajel® II XD)	8.00	BSI – Ashland
Synthetic Fluorophlogopite (Mica Snow 600)	1.00	BSI
Phase B		
Xanthan Gum (Rhodicare® T)	0.20	Solvay
Glycerin	3.00	Brenntag
Deionized Water	15.00	
Phase C		
Cetearyl Alcohol (and) Cetearth-20 (Permulgin D).....	4.00	BSI - Koster
PEG/PPG-20/20 Copolymer (and) PEG/PPG-20/20 Dimethicone (BELSIL® OW 1500).....	5.00	BSI – Wacker
Dimethicone (BELSIL® DM 350)	2.00	BSI – Wacker
Isoamyl Laurate (Jolee 7750)	2.00	BSI - Oleon
Myristyl Myristate (and) Myristyl Laurate (Ceraphyl™ 424)	2.00	BSI – Ashland
Squalane (Olive derived Squalane)	1.00	BSI – Textron
Argania Spinosa Kernel Oil (Argan Oil)	2.00	BSI – Textron
Ethylhexyl Methoxycinnamate (Octinoxate) (Escalol™ 557)	7.50	BSI - Ashland
Ethylhexyl Salicylate (Octisalate) (Escalol™ 587)	3.00	BSI - Ashland
Phase D		
Dimethicone (and) Dimethicone/Vinyltrimethylsiloxysilicate Crosspolymer (BELSIL® REG 1102).....	3.00	BSI - Wacker
Phase E		
Propylene Glycol (and) Diazolidinyl Urea (and) Iodopropynyl Butylcarbamate (Liquid Germall™ Plus).....	0.50	BSI - Ashland
Water (and) Artemia Extract (GP4G™ BA)	2.00	BSI – Ashland
Water (and) Propanediol (and) Hexapeptide-42 (Caspaline™ 14).....	0.50	BSI – Ashland
Silica (and) Lauroyl Lysine (SoftSphere LL).....	2.00	BSI

About the Ingredients:

Caspaline™ 14: Synthetic peptide designed to enhance skin's natural UV defenses and help fight the signs of aging.

GP4G BA™: A biofunctional ingredient containing a unique plankton extract that is designed to energize and to help protect the skin from environmental stress. GP4G™BA has been shown in vitro to help skin limit UV-induced DNA damage.

Polargel® UV 1416: Demonstrates high SPF boosting capacity (greater than 50%) while enhancing UVA/UVB performance and stabilizes emulsions.

Mica Snow: The high purity (low lead) of Synthetic Fluorophlogopite makes it especially desirable for face applications. It has a soft, silky skin feel and enhances products by providing an elegant shimmery look and glossy luster. At low percentages it provides a soft, dewy youthful appearance.

Soft Sphere LL: A spherical silica powder encased with Lauroyl Lysine in the pores and scattered on the surface. Spherical silica powder imparts smoothness, soft focus effects and a fine touch while the Lauroyl Lysine provides good lubricity, smooth spreading, and gives excellent adhesion.

BELSIL® REG 1102: A silicone resin elastomer gel that has a cushiony and velvety feel on skin and improves product spreadability. BELSIL® REG 1102 also provides a long-lasting non-tacky film, enhancing water and transfer resistance.

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