# Sun Care Ingredients

**UV Absorbers:**
- Escalol™ HMS
- Escalol™ 557
- Escalol™ 597
- Escalol™ S
- Escalol™ 567
- Escalol™ 507
- Escalol™ 577
- Escalol™ 517
- Escalol™ 587

**UV Enhancers:**
- Advantage™ Plus
- BELSIL® CDM 3526
- Polargel® UV
- Enhans Waxes

**Film Formers:**
- Ganex™ Polymers
- BELSIL® TMS 803
- BELSIL® REG
- BELSIL® RG

**Viscosity Modifiers:**
- Albagel®
- Carbomer
- Kluceol™
- RapiThix™
- Polargel®
- Lubrajel™
- Natrosol™ HEC
- UltraThix™
- MAS
- FlexiThix™
- Natrosol™ Plus

**Emulsifiers:**
- Kostol NatureMuls
- PEG-8 Beeswax
- BELSIL® DMC 6038
- BELSIL® DMC 6031
- Emulsifying Wax NF
- BELSIL® SPG 128
- Cerasynt™
- BELSIL® OW 1500
- Kostol STMS
- Permulin D
- ProLipid® 141 & 151
- BELSIL® WO 500

**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

**Preservatives:**
- Silverion™ 2400
- Optiphen™
- Conarom™
- Germaben™
- Germall™
- LiquaGard™
- LiquaPar™
- Suttocide™ A

**Functionality:**
- Avenacare™-Soothing
- BELSIL® EG - Texture and Skin Feel
- Sumicos™ & Prestige® - Visual Enhancement
- Vincience™ - Functional Ingredients
# Daily Defense Cream 03-066

**Phase A**
- 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) Phenoxethanol (and) Ethylhexylglycerin (Polargel® UV 1416) .................................................. 3.50 BSI
- Glycerin (and) Glyceryl Polyacrylate (Lubrajel™ II XD) ............................................................................... 8.00 BSI – Ashland
- Synthetic Fluorphlogopite (Mica Snow 600) .......................................................... 1.00 BSI

**Phase B**
- Xanthan Gum (Rhodiacare® T) ........................................... 0.20 Rhodia
- Glycerin ........................................................................ 3.00 Brenntag
- Deionized Water .............................................................. 15.00

**Phase C**
- Cetearyl Alcohol (and) Ceteareth-20 (Permulpin 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 – Textro
- Argania Spinosa Kernel Oil (Argan Oil) ...................................... 2.00 BSI – Textro
- Ethylhexyl Methoxyphenyl (Octinoxate) (Escalol™ 557) ................................................................. 7.50 BSI – Ashland
- Ethylhexyl Salicylate (Octinoxate) (Escalol™ 587) ................................................................. 3.00 BSI – Ashland

**Phase D**
- Dimethicone (and) Dimethicone/Vinyltrimethylsilyloxysilicate 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:
- **Escalol 557**: Octinoxate (Ethylhexyl Methoxyphenyl) is the most widely used sunscreen in the world. Broad UV-B absorbency profile. Water insoluble. Category I sunscreen in the US; use at 2-7.5%. Approved worldwide.
- **Escalol 587**: Octisalate (Ethylhexyl Salicylate) is a secondary UV-B absorber used in high SPF formulas. Oil-soluble. Excellent solubilizer and coupler for other sunscreen actives. Category I sunscreen in the USA; use at 35%. Approved worldwide.
- **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 Fluorphlogopite makes it especially desirable for face applications. It has a soft, silky skin feel and enhances products by providing an elegant shimmer 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.