



GUARDIAN ANGEL

MULTI DEFENSE LOTION SPF 30

The urban indoor and outdoor combination plus blue light protection from active ingredients, UVA/UVB filters & insect repellent, makes this formulation for the whole family a unique multifunctional lotion.

- **5 Protections.**
- **Perfect Sensorial – Dry touch & Great Spreadability**

FUNCTIONS / BENEFITS	ACHIEVED BY
4 x UV filters	Eclipsogen[®] Avobenzone, Benzophenone- 3, Octocrylene & Diethylexyl Butamid Triazone
Insect repellent	DEET Diethyl Toluamide
Anti-outdoor pollution	RedSnow[™] Propanediol (and) Water (and) Camellia Japonica Flower Extract
Anti-indoor pollution	Eosidin[™] Propanediol (and) Water (and) Citrus Unshiu Peel Extract
Blue Light	B – Circadin[™] Propanediol (and), Acqua (and), Lespedeza Capitata Leaf/Stem Extract



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Multi Defense – Lotion SPF 30

Ph	Ingredient / INCI	Functions / Benefits	As supplied (%)
A	Velsan® CCT Caprylic/ Capric Triglyceride	Emmollient	0.50
A	Aristoflex® BLV Ammonium Acryloyldimethyltaurate/ Beheneth-25 Methacrylate Crosspolymer	Viscosity agent, sensorial additive	0.40
A	Aristoflex® AVC Ammonium Acryloyldimethyltaurate/ VP Copolymer	Viscosity agent, sensorial additive	0.20
A	Plantasens® Olive LD (Clariant) Hydrogenated Ethylhexyl Olivatate (and) Hydrogenated Olive Oil Unsaponifiables	Emmollient	3.50
A	Tocopheryl Acetate	Antioxidant agent	0.30
A	Eclipsogen® AVB Avobenzone	UV Filter	5.00
A	Eclipsogen® BP3 Benzophenone- 3	UV Filter	7.00
A	Eclipsogen® OC Octocrylene	UV Filter	10.00
A	Eclipsogen® DHBT Diethylexyl Butamido Triazone	UV Filter	2.00
A	Plantasens® Abyssinian Oil Crambe Abyssinica Seed Oil	Emmollient	1.00
A	Silcare® Silicone 41M15 Caprylyl Methicone	Emmollient	1.00
B	Glycerin	Humectant	2.00
B	Aqua	Solvent	Add 100,00%
C	DEET Diethyl Toluamide	Insect reppelent	5.00
D	Nipaguard® SCP Sorbitan Caprylate (and) Phenoxyethanol	Preservative	1.00
E	RedSnow™ Propanediol (and) Aqua (and) Camellia Japonica Flower Extract	Anti- Outdoor Pollution	0.50
E	Eosidin™ Propanediol (and) Aqua (and) Citrus Unshiu Peel Extract	Anti- Indoor Pollution	0.50
E	B-Circadin™ Propanediol (and), Acqua (and), Lespedeza Capitata Leaf/Stem Extract	Blue light protection	0.50
F	Fragrance	Fragrance	0.40
G	Aluminum Starch Octenylsuccinate	Sensorial Additive	0.85
H	Sodium Hydroxide (20%)	Buffering agent	Qs

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Procedure:

I- Mix phase A at 75°C
 II Mix phase B at 75°C
 III- Add I into II. Stir for 20 minutes.
 IV- Cool down to 50°C under agitatin
 V- Add phase C to IV. Stir for 5 minutes.
 VI- Add phase D to V. Stir for 5 minutes.
 VII- Add phase E, one by one and stir.
 VIII- Add phase F. Stir for 3 minutes
 IX- Add phase G. Stir for 10 minutes
 X- Adjust if necessary pH with H (5,00- 6,00)

Appearance: Yellow emulsion

Viscosity: 14.000- 16.000 cPs (# 5, 20 rpm, 1 mim)

Ph: 5,00- 6,00

Method of use: Apply in clansed face of body. Wash hands after application. Reapply every 2 hours for optimal sun protection.



GUARDIAN
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PROTECTIVE SHIELD

Hair is challenged day by day by external aggressive factors like pollution, smog and harsh climate conditions.

- **360° Protection - Scalp to Tip.**

FUNCTIONS / BENEFITS	ACHIEVED BY
UV Filter	Eclipsogen® Ethylhexyl Methoxycinnamate
Hair strength	K Oleo Ricinus Communis (Castor) Seed Oil (and) Camellia Japonica Seed Oil (and) Camellia Sinensis Seed Oil (and) Camellia Japonica Flower Extract (and) Camellia Japonica Seed Extract
Hair Protection Scalp to Tip	Active Ingredients BioDTox, Eosidin & Emortal PEP .



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Protective Shield

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Procedure:

- I In a main beaker, mix A with mechanical stirrer.
- II Add slowly B into A and stir at 700 rpm until a gel has formed. Mix for 15 minutes.
- III Premix the phase C and add slowly into II. Mix for 15 minutes.
- IV Add D into III and stir at 400 rpm for 15 minutes.

APPEARANCE White fluid emulsion

VISCOSITY 2.500 cPs (Brookfield, #4, 20 rpm, 25°C)

pH 4.5 – 5.5

Method of use



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Ph.	Ingredient / INCI	Functions / Benefits	As supplied (%)
A	Aqua	Vehicle	To 100.00
A	Genapol® G 260 Glycereth-26	Humectant	4.00
A	Polyglykol® 400 PEG-8	Humectant	1.00
A	BioDTox (Clariant Active Ingredient / BioSpectrum) Propanediol (and) Aloe Barbadensis Leaf Extract (and) Bioflavonoids (and) Brassica Oleracea Italica (Broccoli) Extract	Active ingredient: anti pollution	1.00
A	Eosidin (Clariant Active Ingredient / BioSpectrum) Propanediol (and) Aqua (and) Citrus Unshiu Peel Extract	Active ingredient: anti-indoor pollution	1.00
A	Emortal PEP (Clariant Active Ingredient / BioSpectrum) Propanediol (and) Water (and) Pisum Sativum (Pea) Peptide	Active ingredient: scalp protection	1.00
B	Aristoflex® Velvet Polyacrylate Crosspolymer-11	Gelling agent	0.50
C	Eclipsogen® EHMC Ethylhexyl Methoxycinnamete	Active ingredient: UV filter	3.00
C	Plantasens® Olive Squalane Squalane	Active ingredient:	0.50
C	Genapol® EP 6205	Solubilizing agent	3.00
C	Fragrance	Fragrance	0.20
C	K-Oleo (Clariant Active Ingredient / BioSpectrum) Ricinus Communis (Castor) Seed Oil (and) Camellia Japonica Seed Oil (and) Camellia Simensis Seed Oil (and) Camellia Japonica Flower Extract (and) Camellia Japonica Seed Extract	Active ingredient: hair strengthening agent	2.00
C	HerbEx Korean Ginseng Extract (Clariant Active Ingredient / BioSpectrum) Panax Ginseng Root Extract (and) Aqua (and) Butylene Glycol	Active ingredients: detoxify agent	1.00
D	Phenoxetol® Phenoxyethanol	Preservative	0.50



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