



Ikarus Sun Fighting Day Protection with QUEMINA 21.257 and AGENAFLO OS 9051

“Formulated and developed by GOVA Ingredients”

A day cream that starts extremely rich, but upon application melts away in the skin as a powder.

- Powerful natural UV protection:
Pongamia (UVA) / IBR-TCLC (UVB+A) / Sunactin (SPF-booster)
- Reduction of sunburn cells - Sunactin
- Boosts the defence cells (Langerhans cells) - Schizophyllan
- The powdery feel into which the cream disappears - Gosoft SMF / Inutec SPI
- Hydrating and soothing emulsifier - Olivoil Avenate Emulsifier
- Silicones free - Neoderm IL / Inutec SPI

Ingredients	INCI-Name	%w/w	Supplier
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Phase A1

Aqua RM-UV	Aqua	qs	
Neopres PE9010	Phenoxyethanol, Ethylhexylglycerin	qs	Gova
Glycerine	Glycerin	1,50	

Phase A1

QUEMINA 21.257	Zea Mays Starch	4,00	AGRANA
AGENAFLO OS 9051	Aluminium Starch Octenylsuccinate	5,00	AGRANA

Phase A3

Lactic Acid	Lactic Acid	qs	
Inutec SPI	Inulin Lauryl Carbamate	0,20	Beneo

Phase B

Olivoil avenate emulsifier	Cetearyl Alcohol, Glyceryl Stearate, Potassium Olivoyl Hydrolyzed Oat Protein, Aqua, Glyceryl Oleate	5,00	Kalichem
Babassu oil, refined	Orbignya Oleifera Seed Oil	3,00	Gova
Moringa oil, refined	Moringa Oleifera Seed Oil	3,00	Gova
Apricot kernel oil, refined	Prunus Armeniaca Kernel Oil	3,00	Gova
Neoderm IL	Isoamyl Laurate	2,00	Gova
Neoderm G20	Octyldodecanol	1,00	Gova
Neoderm IPP	Isopropyl Palmitate	2,00	Gova
Pongamia extract	Pongamol	0,50	Givaudan
Glossamer L-6600	Brassica Campestris/Aleurites Fordii Oil Copolymer	0,50	Tri-K
IBR-TCLC Jojoba	Simmondsia Chinensis Seed Oil, Squalane, Solanum Lycopersicum Fruit Extract	1,00	IBR
Biodine V	Macadamia Ternifolia Seed Oil, Phospholipids, Stearic Acid, Glycerin, Glycine Soja Sterol, Squalane, Safflower Oil/Palm Oil Aminopropanediol Esters	2,00	Gova

Phase C1

Hyaluronic acid HMW powder	Sodium Hyaluronate	0,05	Contipro
Schizophyllan powder	Schizophyllan	0,03	Contipro

Phase C2

Vanilla lace / sultry musk 3043/37	Parfüm	0,50	Vanessance
Sunactin	Aqua, Helianthus Annuus Sprout Extract, Glycerin, Lecithin, Tocopherol	2,00	Mibelle
Gosoft SMF	HDI/Trimethylol Hexyllactone Crosspolymer, Silica	5,00	Gova



PROCEDURE

1. Mix A1, add slowly A2 - keep stirring until completely homogeneous.
2. Homogenize briefly in order to speed up dispersion.
3. Adjust pH with A3 if necessary to below 6,5, then add Inutec SP1.
4. Warm phase A up to 75 °C.
5. Mix B, warm up to 75 - 80 °C.
6. Add B to A at 75 - 80 °C, homogenize 3 min./10000 rpm for 200 g batch.
7. Cool down under gentle mixing.
8. Add C1 below 60 °C.
9. Add ingredients from C2 below 40 °C, homogenize 1 min./1000 rpm.
10. Adjust pH if necessary to 5,5 - 6,5.

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