IOI OLEOCHEMICAL

Mineral Sunscreen SPF 30

- W/O emulsion with Mineral SPF
- Comfortable, smooth texture
- Nourishes & protects the skin
- **MIGLYOL® Gel ISD** offers heat stability with a silky sensory
- Glowy finish, no white cast
- 15,25% Zinc Oxide & 2,50% Titanium Dioxide
- Vegan & NOC 0.85 (ISO 16128)

FORMULA DATA

Appearance:	Thick white cream
pH (RT):	N/A
Viscosity (RT):	1138000 mPa.s (56,9%) (DV1RV, sp. TC 93, 0.5 rpm, 30s)
Stability test:	Passed (3 months @ RT, 40°C & 50°C)
SPF:	30 (calculated)

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personalcare@ioioleo.de

V1.0

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No. 005H

PHASE	TRADE NAME	INCI	%	FUNCTION
A	**IMWITOR® 600[1]**	**Polyglyceryl-3 Polyricinoleate**	**6.0**	**Naturally Soft W/O Emulsifier**
A	**IMWITOR PG3 DIS[1]**	**Polyglyceryl-3 Diisostearate**	**3.0**	**Naturally Gentle W/O Co-Emulsifier**
A	**SOFTISAN® 650[1]**	**Polyglyceryl-3 Azelate/Caprate/ Caprylate/Stearate Crosspolymer**	**2.0**	**Naturally Light Film Former, Water Resistance**
A	Cosmacol OE[2]	Dicaprylyl Ether	11.0	Light Emollient
A	CCC65GZSG[3]	Zinc Oxide (and) Coco-Caprylate/ Caprate (and) Stearoyl Glutamic Acid (and) Polyhydroxystearic Acid	25.0	Mineral UV Filter
A	**MIGLYOL® Gel ISD[1]**	**Isododecane (and) Disteardimonium Hectorite (and) Propylene Carbonate**	**1.0**	**Heat-Stable Oleogel, Silky Touch**
A	NHP55STS[3]	Titanium Dioxide (and) C13-15 Alkane (and) Stearic Acid (and) Aluminum Hydroxide (and) Polyhydroxystearic Acid	5.0	Mineral UV Filter
A1	HDK H18[4]	Silica Dimethyl Silylate	1.5	Sensory Modifier
B	Zink Sulfate Heptahydrate[5]	Zinc Sulfate	1.2	Stabilizing Agent
B	Water demin.	Aqua	35.2	Solvent
B	Ethanol[6]	Alcohol	5.0	Alcohol
B	Glycerin[7]	Glycerin	3.0	Humectant
B	EUXYL PE 9010[8]	Phenoxyethanol (and) Ethylhexylglycerin	1.1	Preservative

Suppliers: [1] IOI Oleo GmbH, [2] SASOL, [3] Kobo, [4] WACKER, [5] Roth, [6] VWR Chemicals, [7] Louis Dreyfus, [8] Ashland

PROCESS

1. Heat Phase A to 40°C while stirring until everything is homogeneous.
2. Add Phase A1 while stirring and briefly homogenize.
3. Mix Phase B.
4. Slowly add Phase B to Phase A while homogenizing at 8000 rpm for 3 min.

NATURAL ACCORDING TO ISO 16128
> 85 %

VEGAN

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