

## Tropical Dryscreen with MAISITA 9060

"Formulated and developed by Azelis Personal Care (ref. 7528)"

Ingredients	INCI-Name	%w/w	Supplier
<b>Phase A</b>			
Lexsolv A	Neopentyl Glycol Diheptanoate, Propylene Glycol Dibenzoate	10,00	Inolex
Eusolex T-AVO	Titanium Dioxide, Silica	3,00	Merck
Eusolex OCR (105377)	Octocylene	10,00	Merck
Eusolex 9020 (105844)	Butyl Methoxydibenzoylmethane	2,50	Merck
Eusolex 4360 (105376)	Benzophenone-3	2,50	Merck
Oxynex ST-Liquid	Diethylhexyl Syringlidenemalonate, Caprylic / Capric Triglyceride	0,50	Merck
Lexgard Natural	Glyceryl Caprylate, Glyceryl Undecylenate	1,10	Inolex
Blanova Muls ECO 77	Glyceryl Stearate Citrate, Glyceryl Stearate	3,00	Azelis
Versagel S-1000 T	Hydrogenated Polyisobutene, Butyl Stearate, Isostearyl Alcohol, Butylene/ Ethylene/Styrene Copolymer, Ethylene/ Propylene/Styrene Copolymer, Dibutyl Lauroyl Glutamide, Pentaerythrityl tetra-di-t-butyl hydroxyhydrocinnamate	5,00	Penreco
<b>Phase B</b>			
Lexfeel N5	Diheptyl Succinate, Capryloyl Glycerin/Sebacic Acid Copolymer	13,20	Inolex
Rheopearl HC	Dextrin Palmitate	10,00	Miyoshi
<b>Phase C</b>			
Deionised Water	Aqua	29,20	
<b>Phase D</b>			
<b>MAISITA 9060</b>	<b>Zea Mays Starch</b>	<b>2,50</b>	<b>AGRANA</b>
Keltrol CG RD	Xanthan Gum	0,50	CP Kelco



## Phase E

<b>MAISITA 9060</b>	<b>Zea Mays Starch</b>	<b>5,00</b>	<b>AGRANA</b>
Colorona Precious Gold	Mica, C.I. 77891, Silica, C.I. 77491, Tin Oxide	1,00	Merck
Watery Melon 129	Parfum	1,00	IFF

**MAISITA 9060** is an organic heat-treated certified corn starch. It is used as a natural rheology modifier for personal care emulsions and leaves a soft silky skin feel. For a non organic version use MAISITA 9040.

## PROCEDURE

1. Heat phase A to 80°C.
2. Heat phase B to 80°C.
3. Add phase B to phase A.
4. Premix phase D and add to phase C.
5. Heat phase C to 80°C
6. Add phase A to phase C with high shear mixing.
7. Cool with stirring to 40°C.
8. Add phase E in order, mixing until homogenous between each addition.

## Physical properties:

Stability: 3 months @ 4, 20, 37, 45, 54°C and Cycle  
pH: 5,5 – 6,5  
Viscosity: 60000 – 100000 cps  
Brookfield DV-E, TC, 6rpm @ 20°C for 1 minute

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