



Amaranth Oil Soap with CORN PO4 PH "B"

GUIDE FORMULATION

"Formulated and developed exclusively for SLI Chemicals by
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Ingredients	INCI-Name	Content (g)	Supplier
OIL PHASE			
Phase A			
Palm Oil	Elsies Guineesis	470,00	Gustav Hees
Coconut Oil	Cocus Nucifera	300,00	Gustav Hees
Phase B			
Amaranth Oil	Amarathus Caudatus Seed Extract	200,00	SLI CHEMICALS / Semigo
Joboba Oil yellow kba	Simmondsia Chinensis	30,00	SLI CHEMICALS / Desert Oil
WATER PHASE			
Phase C			
Water distilled	Aqua	400,00	
Allantoin	Allantoin	0,40	SLI CHEMICALS / Deretil
Sodium Hydroxide	Sodium Hydroxide	139,80	Behave
Phase D			
CORN PO4 PH "B"	Distarch Phosphate	12,00	AGRANA

PROCEDURE

1. A: Melt by heating gently (not over 70 °C)
2. B to A: Add in order to hasten the cooling of the melted oils.
3. C: Dissolve – Beware – strong heat development.
4. D in C: Incorporate in the hot solution whilst stirring strongly.
5. C - D into A – B: Incorporate whilst stirring carefully at c. 38 - 50°C; the saponification process commences.
6. Carefully pour the mass into a form whilst stirring. The soaps should be aged for 4-6 weeks

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