

COLD PROCESSED LOTIONS



with AGENAJEL 20.313 and CORN PO₄ PH”B”

"Formulated and developed by SLI Chemicals, and reformulated by AGRANA Stärke GmbH"

Lotions produced using a cold-process method are becoming increasingly popular because they are more cost-effective. The cold process technology is regarded as an environmentally friendly production technology, that improves the sustainability of a cosmetic emulsion while considerably lowering the carbon footprint.

A combination of AGENAJEL 20.313 with Xanthan Gum can replace synthetic thickener like AAAC. AGENAJEL 20.313 provides good thickening in combination with good rheological profile. CORN PO₄ PH”B” improves spreadability and after skin feel.



Ingredients	INCI-Name	% w/w	% w/w	% w/w	Supplier
Phase A					
Aqua	Aqua	74,50	71,10	75,35	-
SHARON AQUAVITA®90	Niacinamide, Glyceryl Caprylate, Decylene Glycol	3,00	3,00	3,00	Sharon Personal Care
Xanthan Gum	Xanthan Gum	1,00	0,20	-	-
AGENAGEL 20.313	Hydroxypropyl Starch Phosphate	-	4,00	-	AGRANA
AAAC	ACRYLATES/C10-30 ALKYL ACRYLATE CROSSPOLYMER	-	-	0,15	-
Phase B					
EMULPHARMA® MIMESIS RSPO MB	Glycerin, Polyglyceryl-3 Cocoate, Hydrogenated Lecithin, Lecithin, Aqua	3,00	3,00	3,00	Sharon Personal Care
Gilsolide®ECN	Polyglyceryl-4 Oleate, Glyceryl Oleate, C13-14 Alkane	7,00	7,00	7,00	GILAS sas
Cherry Seed Oil	Prunus Cerasus Seed Oil	4,00	4,00	4,00	Kern Tec GmbH
CORN PO₄ PH”B”	Distarch Phosphate	3,00	3,00	3,00	AGRANA
Witarix MCT 60/40	Caprylic/Capric/Triglyceride	4,00	4,00	4,00	IOI
Parfum	Parfum	0,50	0,50	0,50	-

PROCEDURE

1. Mix the components of phase A while stirring.
2. Mix the components of phase B while stirring.
3. Add phase B to phase A and homogenize for 5 – 10 min.

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