



In Shower Body Lotion with AGENAFLO 9050

“Formulation developed by IMCD France”

Ingredients	INCI-Name	%w/w	Supplier
Phase A			
-	Water	67,03	
SPECTRASTAT	CAPRYLHYDROXAMIC ACID, CAPRYLYL GLYCOL, GLYCERIN	1,00	INOLEX
Phase B			
N-HANCE HPCG-1000	HYDROXYPROPYL GUAR, HYDROXYPROPYLTRIMONIUM CHLORIDE	0,50	ASHLAND
Phase C			
LACTIC ACID 10% AQ. SOL.	WATER, LACTIC ACID	0,17	-
Phase D			
NATROSOL 250 HHR	HYDROXYETHYLCELLULOSE	0,50	ASHLAND
Phase E			
ZEMEA	PROPANEDIOL	3,00	DUPONT TÄTE & LYLE
Phase F			
NIKKOL NIKKOMULESE 61H	BEHENYL ALCOHOL, POLYGLYCERYL-10 PENTASTEARATE, STEARAMIDOPROPYL DIMETHYLAMINE LACTATE	5,00	NIKKO CHEMICALS
NAFOL 1618	CETEARYL ALCOHOL	1,50	SASOL
LEXFEEL NATURAL N-350	DIHEPTYL SUCCINATE, CAPRYLOYL GLYCERIN/SEBACIC ACID COPOLYMER	3,00	INOLEX
HPD 1741	HYDROGENATED POLYDECENE	3,00	INEOS OLIGOMERS
BELSIL CDM 3526 VP	C26-28 ALKYL DIMETHICONE	3,00	WACKER
BELSIL GB 1020	DIMETHICONE, DIMETHICONOL	6,00	WACKER



Phase G

BELSIL DM 0.65	DISILOXANE	4,00	WACKER
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Phase H

AGENAFLO 9050	CORN STARCH MODIFIED	2,00	AGRANA
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Phase I

SODIUM HYDROXIDE 1% AQ. SOL.	WATER, SODIUM HYDROXIDE	0,30	-
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PROCEDURE (for 100 g batch)

1. Under stirring add phase B to phase A (after 15 minutes the pH should be around 8).
2. Then adjust the pH with phase C.
3. Add separately D and E to A+B+C, heat at 80°C.
4. Heat phase F at 80°C.
5. Under strong stirring, add phase F to phase A+B+C+D+E (1000-1200rpm, 10mins).
6. Right after the emulsification step, add phase G (or even during the cooling step so as to avoid as much as possible Belsil DM0.65 evaporation)
7. Then cool down at room temperature to add phase H and phase I.

Appearance and characteristics: white creamy milk

pH: 5,2

Centrifugation: 5000 rpm./4 min → no phase separation

Viscosity: 25.000 cPs (Viscostar Plus, Spindle 6, Speed 20 rpm, 20 °C, 1 min)

Stability: nothing to report after 3 months at room temperature and 42 °C, and after 1 month at 50 °C

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