



## In Shower Body Lotion with AGENAFLO 9050

“Formulation developed by IMCD France”

Ingredients	INCI-Name	%w/w	Supplier
<b>Phase A</b>			
-	Water	67,03	
SPECTRASTAT	CAPRYLHYDROXAMIC ACID, CAPRYLYL GLYCOL, GLYCERIN	1,00	INOLEX
<b>Phase B</b>			
N-HANCE HPCG-1000	HYDROXYPROPYL GUAR, HYDROXYPROPYLTRIMONIUM CHLORIDE	0,50	ASHLAND
<b>Phase C</b>			
LACTIC ACID 10% AQ. SOL.	WATER, LACTIC ACID	0,17	-
<b>Phase D</b>			
NATROSOL 250 HHR	HYDROXYETHYLCELLULOSE	0,50	ASHLAND
<b>Phase E</b>			
PROPANEDIOL	PROPANEDIOL	3,00	
<b>Phase F</b>			
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
----------------	------------	------	--------

## Phase H

<b>AGENAFLO 9050</b>	<b>CORN STARCH MODIFIED</b>	<b>2,00</b>	<b>AGRANA</b>
----------------------	-----------------------------	-------------	---------------

## Phase I

SODIUM HYDROXIDE 1% AQ. SOL.	WATER, SODIUM HYDROXIDE	0,30	-
------------------------------------	-------------------------	------	---

## 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

The information in this document is given in good faith and is true and accurate to the best of our knowledge. No warranty or guarantee (e.g. on suitability for a formulation) is expressed or implied. This document reflects (legislative) knowledge at time of writing, and this may be subject to change in the future. It is the user's responsibility to determine the suitability for his own use of the information presented, and to ensure legislative compliance, at any time. No warranty or freedom is given regarding industrial property rights of IMCD or third parties. No responsibility or liability for any consequences arising from the use of this document can be accepted.