



Hand & Body Lotion (O/W) with AGENAFLO 9050

GUIDE FORMULATION

Ingredients	INCI-Name	%w/w	Supplier
-------------	-----------	------	----------

Phase A

Lipovol MOS 70	Dicaprate, Tridecyl Trimellitate, Tridecyl Stearate,	10,00	Lipo
Isopropyl Palmitate	Isopropyl Palmitate	6,00	
Stearic Acid	Stearic Acid	2,00	
Lanette 16	Cetyl Alcohol	1,00	Cognis
Lanolin	Lanolin Alcohol	0,50	Croda
Arlacel 165 V	Glyceryl Stearate, PEG-100 Stearate	3,00	Uniqema
Tegin	Glyceryl Stearate	0,50	Goldschmidt
Dow Coming 556	Phenyl Trimethicone, Polyphenylmethylsiloxane	1,00	Dow Coming
Copherol 1250	Tocopheryl Acetate	1,00	Cognis
Controx VP	Lecithin, Tocopherol, Ascorbyl Palmitate, Hydrogenated Palm Glycerides Citrate	0,10	Gruenau GmbH

Phase B

Dow Coming 344	Cyclopentasiloxane	1,00	Dow Coming
----------------	--------------------	------	------------

Phase C

Water	Aqua	Ad 100	
Carbopol Ultrez 10	Carbomer	0,16	CP Kelco

Phase D

Propylene Glycol	Propylene Glycol	3,00	
AGENAFLO 9050	Corn Starch Modified	4,00	AGRANA



Phase E

Vitamin F forte	Linoleic Acid (and) Linolenic Acid	1,00	CLR
Phenonip*	Phenoxyethanol, Methylparaben, Ethylparaben, Butylparaben, Propylparaben, Isobutylparaben	0,80	Clariant

PROCEDURE

1. Mix C, let the polymer swell for 15 minutes and heat up to 80 °C.
2. Combine phase A and heat up to 80 °C.
3. Add B to A before mixing AC and homogenize for 5 minutes.
4. Cool down under stirring to 40 °C.
5. Add D and homogenize for a short moment.
6. Add phase E at 30 °C and stir until uniform.
7. Adjust pH value to approx. 6,5 with sodium hydroxide (10 %).

*) This formula has been manufactured and stability tested using a special preservative, but has not been subjected to microbiological challenge tests.

This formulation is indicative only and no responsibility whatsoever will be assumed. This formulation is offered solely for your consideration, investigation and verification. It is your responsibility to thoroughly test any formulations before use. All those who use our formulations as well as those who process AGRANA Starches are themselves entirely responsible for the adherence to prevailing statutory regulations and the observance of patent rights as well as other protective rights for other companies. AGRANA does not assure any liability with respect to the composition of the formulation or the use in products.