



## Face Fluid (O/W) with AGENAFLO 9050

### GUIDE FORMULATION

Ingredients	INCI-Name	%w/w	Supplier
<b>Phase A</b>			
Tegosoft PC 41	Polyglyceryl-4 Caprate	1,00	Evonik
Phenonip	Phenoxyethanol, Methylparaben, Ethylparaben, Butylparaben, Propylparaben, Isobutylparaben	0,80	Clariant
Polyglycol 400	PEG-8	2,00	Clariant
Propylene Glycol	Propylene Glycol	3,00	Merck
Alcohol Denat	Alcohol Denat	15,00	
<b>Phase B</b>			
Keltrol CG-SFT	Xanthan Gum	0,30	Kelco
Tego Carbomer 341 ER	Acrylates/ C10-30 Alkyl Acrylate Crosspolymer	0,50	Evonik
Citrate Buffer pH 5	Aqua, Sodium Citrate, Citric Acid	59,40	
<b>Phase C</b>			
NaOH (10%)	Sodium Hydroxide	q.s.	
<b>Phase D</b>			
Citrate Buffer pH 5	Aqua, Sodium Citrate, Citric Acid	10,00	
Epicutin™-TT	Cyclodextrin (and) Melaleuca Alternifolia (Tea Tree) Leaf Oil	5,00	CLR
<b>Phase E</b>			
Abil B 8852	PEG/PPG-4/12 Dimethicone	1,00	Evonik
<b>Phase F</b>			
<b>AGENAFLO 9050</b>	<b>Corn Starch Modified</b>	<b>2,00</b>	<b>AGRANA</b>

### PROCEDURE

1. Mix the ingredients of A in the given order.
2. Mix B and let the polymers swell for 20 minutes while stirring.
3. Add A to B under stirring. Adjust pH value to 5 – 5.5 with C.
4. Predisperse the Epicutin™-TT in the buffer and add it to the gel while gentle stirring.
5. Add E and F.

\*\*Buffer: 21.01 g Citric acid monohydrate + 200 ml NaOH 1N,

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