

## Anti-speckle Cream containing Ethyl Ascorbic Acid

FL-EAA-00101

	<b>Ingredients</b>	<b>INCI</b>	<b>[wt.%]</b>	<b>Supplier</b>
	<b>A</b>			
1	Montanov 68	Cetearyl Alcohol & Cetearyl Glucoside	2.00	SEPPIC
2	SIMUSOL 165	PEG-100 Stearate & Glyceryl Stearate	2.00	SEPPIC
3	Lanette MY	Cetearyl alcohol	2.50	Cognis
4	Isopropyl palmitate	Isopropyl palmitate	2.00	
5	DC200/350 cs	Dimethicone	2.00	Dow Corning
6	Azone	Laurocapram	2.00	
7	Tocopheryl acetate	Tocopheryl acetate	0.30	<b>M.C.Biotec</b>
8	BHT	Butylated Hydroxytoluene	0.10	
9	Methylparaben	Methylparaben	0.100	
10	Glabridin/Propylene glycol	Glabridin/Propylene glycol	8.00	<b>M.C.Biotec</b>
	<b>B</b>			
11	Deionized water	Aqua	To 100.00	Merck
12	Propanediol	Propanediol	3.00	
13	Xanthan Gum	Xanthan Gum	0.20	
14	Glycerin	Glycerin	5.00	
15	Trimethyl glycine	Trimethyl glycine	2.00	<b>M.C.Biotec</b>
16	Allantoin	Allantoin	0.10	
17	GERMALL IS245	Propylene Glycol (and) Diazolidinyl Urea (and) Methylparaben (and) Iodopropynyl Butylcarbamate	q.s..	
	<b>C</b>			
18	Fragrance	Fragrance	q.s.	
	<b>D</b>			
19	Ethyl ascorbic acid	3-O-ethyl ascorbic acid	3.00	<b>M.C.Biotec</b>
20	*Citric Acid buffer	Citric acid (and) Trisodium citrate (and) water	3.00g	
21	Water	Aqua	5.00	

### Procedure

1. In Phase D, dissolve Ethyl ascorbic acid in water and add citric acid buffer.
2. Heat phase A to 85°C.
3. Heat phase B to 85°C, transfer into homogenization pot and homogenize for 3 minutes, then transfer oil phase to emulsifying pot and homogenize for 4 minutes.
4. Cool by cool water, stir till to 50°C, add C phase; stir to 40°C and then add Phase D, stir to completely dissolve. Fill into the bottle.

## [NOTE]

3-O-ethyl ascorbic acid is stable at a pH range between 5-6.5. It is recommended that dissolve 1g 3-O-ethyl ascorbic acid in 1g citric acid buffer (pH 5.5) and then add to water phase.

<b>*Citric Acid buffer (pH5.5)</b>	
	%w/w
Citric acid	1.0
Trisodium citrate	15.0
Water	85.00