Anti-speckle Cream containing Ethyl Ascrobic Acid

FL-EAA-00101

	Ingredients	INCI	[wt.%]	Supplier
	A			
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	**M.C.Biotec**
8	BHT	Butylated Hydroxytoluene	0.10	
9	Methylparaben	Methylparaben	0.100	
10	Glabridin/Propylene glycol	Glabridin/Propylene glycol	8.00	**M.C.Biotec**
	B			
11	Deinoized water	Aqua	To 100.00	Merck
12	Propanediol	Propanediol	3.00	
13	Xanthan Gum	Xanthan Gum	0.20	
14	Glycerin	Glycerin	5.00	
15	Trimethl glycine	Trimethl glycine	2.00	**M.C.Biotec**
16	Allantoin	Allantoin	0.10	
17	GERMALL IS245	Propylene Glycol (and) Diazolidinyl Urea (and) Methylparaben (and) Iodopropynyl Butylcarbamate	q.s..	
	C			
18	Fragrance	Fragrance	q.s.	
	D			
19	Ethyl ascorbic acid	3-O-ethyl ascorbic acid	3.00	**M.C.Biotec**
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℃.
3. Heat phase B to 85℃, transfer into homogeneization 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℃, add C phase; stir to 40℃ and then add Phase D, stir to completely dissolve. Fill into the bottle.

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[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.

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