



Name: Sunscreen Hydration Gel

No.: 1050912A

Recipe:

	Ingredient Name	INCI name	%
A.	Eldew SL-205	Isopropyl Lauroyl Sarcosinate	1.00
	Parsol MCX	Ethylhexyl Methoxycinnamate	3.00
	Parsol 1789	Butyl Methoxydibenzoylmethane	5.00
	Parsol 340	Ethylhexyl Methoxycinnamate	3.50
B.	M.P.	Methylparaben	0.20
	1,3-BG	Butylene Glycol	10.00
	DPG-RF	Dipropylene Glycol	5.00
	EDTA-2Na	Disodium EDTA	0.05
	Emalex GWIS-160N	PEG-60 Glyceryl Isostearate	0.40
	ECHOGUM T(2%)	Xanthan Gum	10.00
C.	Carbopol 980(2%)	Cabomer	5.00
	Pemulen TR-1(2%)	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	17.50
	ADEKA CARPOL MD-100	Tetrahydroxypropyl Ethylene Diamine	0.33
	Deionzied Water	Water	7.67
D.	Parsol HS	Phenylbenzimidazole Sulfonic Acid	2.50
	ADEKA CARPOL MD-100	Tetrahydroxypropyl Ethylene Diamine	2.85
	Deionzied Water	Water	10.00
E.	Clairju	Hydrolyzed Prunus Domestica	1.00
F.	Ethanol	Alcohol	15.00

Process:

1. Begin mixing item phase A in container. Heat to 80°C. Separately mix well.
2. Begin mixing item phase B in container. Heat to 75°C. Separately mix item 500 rpm until mix well.
3. Begin mixing item phase C, pour [2] into [3] and separately mix item.
4. Add item phase D and separately mix item until clear. Check ph > 7.0.
5. Pour [3] into [1] separately item until mix well. Pour [5] into [4] homogenize mix item 3500 rpm, 7 min.
6. At <40°C add phase E、F into [5] and separately mix item.

※This formula is for reference only. If you need to commercialize, please confirm the test※

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