



头皮清洁凝露 Scalp cleansing gel

MM-QA-018:035 版本 Version: A/0

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Phase	No	原料（化学名、商品名）	用量	作用
		Raw Material（INCI Name，Trade Name）	Weight/%	Function
A	1	Aqua 水	To 100	溶剂 solvent
	2	NM-Carbomer 20 丙烯酸（酯）类/C10-30 烷醇丙烯酸酯交联聚合物 安徽纽曼(Anhui Newman)	1	流变调节剂 Rheology modifier
	3	EDTA-2Na EDTA 二钠	0.05	
	4	CAB-35 COCAMIDOPROPYL BETAINE 椰油酰胺丙基甜菜碱（30%）	10	表面活性剂 Surfactant
	5	COCOY HYDROLYZED OAT PROTEIN POTASSIUM 椰油酰水解燕麦蛋白钾（30%）	3	
	6	DECYL GLUCOSIDE 癸基葡萄糖苷（50%）	10	
	7	RHAMNOLIPID 鼠李糖脂	2	
	8	SODIUM LAURYL METHYL ETHOXYLATE 月桂酰甲基羟乙磺酸酯钠	2	
B	9	AMP-ULTRA PC 2000 氨甲基丙醇	1	
	10	CAPRYLYL GLYCINE 辛酰甘氨酸	0.2	
	11	ENERGY COFFEE 活力咖	0.1	
	12	COCAMIDOPROPYL PG-DIMETHYL AMMONIUM 椰油酰胺丙基 PG-二甲基氯化铵磷酸酯钠（45%）	2	
	13	PPG-3 辛基醚	1	
	14	1,2-己二醇	0.5	
	15	PANTHENOL 泛醇	0.2	
C	16	VEGETABIE ANTIPRURITIC 植物止痒素 秦艽(GENTIANA MACROPHYLLA)提取物，龙胆(GENTIANA SCABRA)提取物，獐芽菜(SWERTIA)	1	
	17	EXTRACT OF PAPAIN AND BROMELAIN 木瓜蛋白酶和菠萝蛋白酶提取液 木瓜蛋白酶、菠萝蛋白酶、椰油酰胺丙基甜菜碱、木瓜（CHAENOMELES SINENSIS）果提取物、菠萝（ANANAS SATIVUS）果提取物	1.25	
	18	OLIVE SHELL SCRUB GRANULES 橄榄壳磨砂颗粒 油橄榄（OLEA EUROPAEA）果壳粉	0.8	
	19	FORMALDEHYDE 防腐剂（吡罗克酮乙醇胺盐，山梨坦辛酸酯，椰油酰胺丙基甜菜碱 (PIROXONE,ETHANOLAMINE,SALT,SORBITAN,OCTANOATE,COCAMIDOPROPYL BETAINE)	0.8	防腐剂 Formaldehyde
	20	ESSENCE 香精	0.7	赋香剂 Odorant

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说明:

NM –Carbomer 20 是一种疏水改性、交联的丙烯酸酯共聚物。除了具有传统的卡波树脂的高效增稠、悬浮等功能外，该产品能够在数分钟内自润湿并分散，提供中等至较高粘度，且在较广泛的 pH 范围内具有高效的增稠性能。特别地，它可用于含适度表面活性剂的体系，能为配方提供耐电解质性和独特的感觉。

工艺:

1. A 相: NM-Carbomer 20 撒在水面上，
不要搅拌，待其自然润湿后，搅拌均匀，
加入其他组分，加热至 80℃，搅拌均匀
2. 加入 B 相组分，搅拌冷却至 40℃
3. 加入 C 相组分，搅拌均匀

产品特性:

pH 6.5 (室温直测)

粘度 2000 ~ 4000 mpas (Brookfield)

该产品是一种具有杀菌、消毒和细胞再生的头皮深层清洁剂。

Remark:

NM–Carbomer 20 is a hydrophobically modified cross-linked acrylate copolymer, providing moderate-to high viscosity with smooth flow properties. It delivers excellent thickening efficiency at a broad pH range which makes it a good choice for wide applications. NM-Carbomer 20 self- wets and disperses quickly in minutes, which remarkably meets formulators' ease-use need. It has higher electrolyte tolerance and handles a higher level of surfactant actives, being ideally suited for use in formulations containing higher levels of oils, botanical ingredients. Even at high concentration, NM-Carbomer20 maintains excellent clarity.

Procedure:

1. Phase A: NM-Carbomer 20 scattered on the water surface,
Do not stir, let it moisten naturally, stir well,
Add other ingredients, heat to 80℃, stir well
2. Add phase B components, stir and cool to 40℃
3. Add phase C components and stir well

Product Properties:

pH 6.5 (room temperature direct measurement)

Viscosity 2000 ~ 4000 mpas (Brookfield)

Product is a deep scalp cleanser with sterilization, disinfection and cell regeneration.

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