

Natural Face Cleansing Gel

ID	FACE Cleansing / FO0049
pH-value	5.5 - 6.0
Appearance	Yellowish clear liquid
Product Form	Surfactant
Claims	Cleansing; Conditioning; Microplastic-free; Natural; Sulfate-free

St	Substance	INCI Name USA	% w/w	Manufacturer
1	Water demin	Water	69.40	Several
	Sodium Citrate	Sodium Citrate	0.20	Several
	CAE	PCA Ethyl Cocoyl Arginate	0.20	Ajinomoto, JP
2	Dermosoft Pentiol eco	Pentylene Glycol	5.00	Evonik, DE
	Genuvisco CG-129	Carrageenan	2.00	Tate & Lyle, US
	Amilite ACS-12	Sodium Cocoyl Alaninate, Water	7.00	Ajinomoto, JP
3	Amisoft ECS-22W	Disodium Cocoyl Glutamate, Water	6.00	Ajinomoto, JP
	Plantacare 818 UP	Coco Glucoside, Water	5.00	BASF, DE
	Perfume Peach Nature	Fragrance	0.20	Luzi, CH
5	Ajidew NL-50N	Sodium PCA, Water	2.00	Ajinomoto, JP
6	Citric Acid solution 10%	Citric Acid, Water	3.00	Several

Production

Use hot water or heat water to 60°C, then clearly solve sodium citrate and CAE / Pre-disperse Genuvisco in Dermosoft Pentiol and add it to the water phase while stirring or slightly homogenizing. The product may become a bit cloudy / Add the surfactant phase (3) and stir what makes the formulation transparent again / Add the remaining components while stirring and adjust pH to about 5.5 to 6.0.

Stability: Stable for more than 3 months at 5°, 25° and 40°C

Microbiological Stability: ---

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