

Kiwi Smoothie

W-in-Oil Gel Cream

Formulation 01910



Attributes

Smooth Feel
Non-Greasy Feel
Non-Tacky Afterfeel
Moisturizing
Skin Hydration

Components

Phase	Order	Ingredient	INCI Name	Wt%	Supplier	Trade Name
A		Water	Water	50.4		
A		VERSENET™ Na2 Crystal Chelating Agent	Disodium EDTA	0.05		
A		Sodium Chloride	Sodium Chloride	1		
A		Glycerin	Glycerin	15		
A		Dipropylene Glycol	Dipropylene Glycol	3		
A		Sodium Ascorbyl Phosphate	Sodium Ascorbyl Phosphate	0.05		
A		Xanthan Gum	Xanthan Gum	0.1		
B		DOWSIL™ 5200 Formulation Aid	Lauryl PEG/PPG-18/18 Methicone	2		
B		DOWSIL™ 556 Cosmetic Grade Fluid	Phenyl Trimethicone	3		
B		XIAMETER™ PMX-200 Silicone Fluid 2 cSt	Dimethicone	8.2		
B		Caprylic/Capric Triglyceride	Caprylic/Capric Triglyceride	4		
C		DOWSIL™ VM-2270 Aerogel Fine Particles	Silica Silylate	0.3		
D		DOWSIL™ EL-7040 Hydro Elastomer Blend	Caprylyl Methicone (and) PEG-12 Dimethicone/ PPG-20 Crosspolymer	10		
E		Phenoxyethanol (and) Ethylhexylglycerin	Phenoxyethanol (and) Ethylhexylglycerin	0.5		
E		Water (and) Propylene Glycol (and) Actinidia Chinensis (Kiwi) Fruit Juice	Water (and) Propylene Glycol (and) Actinidia Chinensis (Kiwi) Fruit Juice	1		
E		Fragrance	Fragrance	0.4		
E		0.1% Blue No.1 - C.I.42090 in Water	0.1% Blue No.1 - C.I.42090 in Water	0		
E		Yellow No.5 (1% in Water)	Yellow No.5 (1% in Water)	0		
F		Sucrose (and) Lactose (and) Corn Starch (and) MCC (and) HPMC (and) Pigment (and)	Sucrose (and) Lactose (and) Corn Starch (and) MCC (and) HPMC (and) Pigment (and)	1		

Phase	Order	Ingredient	INCI Name	Wt%	Supplier	Trade Name
		Tocopheryl Acetate	Tocopheryl Acetate			

Procedure

Step	Process
1	Combine phase A ingredients in order, with agitation.
2	Add phase C ingredients to phase B under stirring until DOWSIL™ VM-2270 Aerogel Fine Particles is evenly dispersed.
3	Add phase D ingredients one at a time to blend BC with proper stirring, homogenize for 1 min.
4	Add phase A to oil phase (B+C+D) slowly with high-speed stirring, then homogenize for 1 min.
5	Add phase E ingredients in the order listed.
6	Adjust color with ingredients 17 & 18 to mimic a kiwi color.
7	Mix phase B ingredients together.
8	Homogenize using a high shear device such as Silverson, Ultraturrax, etc.
9	Add phase F under slow stirring until beads are evenly dispersed.

Stability

Stability acceptable for 3 months at room temperature, 45°C and 50°C.

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