Buzzing Smoothie

W-in-O Emulsion

Formulation 02412

Attributes

Shine
Reduces Hair Hydrophobicity
Long Lasting Hydrophobicity on Hair
Light, Playful Rheology
Reduces Hair Friction

Components

Phase	Order	Ingredient	INCI Name	Wt%	Supplier	Trade Name
A		DOWSIL™ 3901 Liquid Satin Blend	Dimethicone (and) Dimethicone/Vinyl Dimethicone Crosspolymer	3		
A		XIAMETER™ PMX-200 Silicone Fluid 2 cSt	Dimethicone	7		
B		DOWSIL™ 556 Cosmetic Grade Fluid	Phenyl Trimethicone	2		
B		DOWSIL™ FZ-3196 Fluid	Caprylyl Methicone	3		
B		Caprylic/Capric Triglyceride (and) Honey Extract	Caprylic/Capric Triglyceride (and) Honey Extract	0.5		
B		Sunflower Seed Oil (and) Macadamia Seed Oil (and) Quinoa Seed Extract (and) Coconut Oil (and) Gardenia Flower Extract	Helianthus Annuus (Sunflower) Seed Oil (and) Macadamia Ternifolia Seed Oil (and) Chenopodium Quinoa Seed Extract (and) Cocos Nucifera (Coconut) Oil (and) Gardenia Tahitensis Flower Extract	0.5		
B		Cocos Nucifera (Coconut) Oil	Cocos Nucifera (Coconut) Oil	0.5		
B		DOWSIL™ 5300 Formulation Aid	Lauryl PEG-10 Tris(Trimethylsiloxy)silylethyl Dimethicone	2		
B		DOWSIL™ 5200 Formulation Aid	Lauryl PEG/PPG-18/18 Methicone	0.5		
B		Butyrospermum Parkii (Shea Butter)	Butyrospermum Parkii (Shea Butter)	0.5		
B		Squalene	Squalane	0.5		
C		Water	Water	74.05		
C		Sodium Chloride	Sodium Chloride	1		
C		FOAMYSENSE™ N60K Polymer	PEG-45M	0.15		
C		Kiwi Fruit Water	Actinidia Chinensis (Kiwi) Fruit Water	0.2		
D		Phenoxyethanol (and) Ethylhexylglycerin	Phenoxyethanol (and) Ethylhexylglycerin	1		

Phase	Order	Ingredient	INCI Name	Wt%	Supplier	Trade Name
D		DOWSIL™ CE-7081 Smart Style	Silicone Quaternium-16/Glycidoxy Dimethicone Crosspolymer (and) Undeceth-11 (and) Undeceth-5	3		
D		Water (and) Hydrolyzed Wheat Protein	Water (and) Hydrolyzed Wheat Protein	0.1		
D		Fragrance	Fragrance	0.5		
D		C.I. 19140 (1% in water)	C.I. 19140 (1% in water)	0		
E		Citric Acid	Citric Acid	0		

Procedure

Step	Process
1	Mix ingredients of phase A together.
2	Add phase B ingredients to phase A in order listed. Heat to 50°C with mixing at 600 rpm until homogeneous.
3	Mix ingredients of phase C together. Heat to 50°C with mixing at 600 rpm until homogeneous.
4	Add slowly phase C to phase AB with mixing at 1000 rpm.
5	Let cool down to room temperature.
6	Add phase D ingredients one after each one when temperature is below 40°C.
7	Adjust pH to 4.5 +/-0.3 with citric acid with phase E.

Stability

Formulation is stable for at least 1 month at room temperature, 40°C and 50°C.