



Reference Formula

Sample preparation date: 2025/07/31

雲朵澎澎洗髮精 Fluffy Cloud Shampoo

T250728-1

Description: **DOWSIL™ CE-7128 NB Emulsion** is nonionic emulsion containing ~60% of a high molecular weight polydimethylsiloxane. The improved dry combing and sensory performance of DOWSIL™ CE-7128 NB Emulsion in shampoos have been demonstrated. This emulsion also provides enhanced hair volume when compared with a control shampoo. **FOAMYSENSE 205** contributes to the rich, mousse-like foam texture and delivers a silky skin-feel upon application.

FORMULA

Phase	Ingredient (Trade Name)	Ingredient (INCI Name)	% By Weight	Function
W1	D.I Water	D.I Water	Up to 100	Water
	EDTA-2Na	Edetate Disodium	0.05%	Chelating Agent
	SLES (70%)	Sodium Lauryl Ether Sulfate	12.00%	Surfactant
	Ecosence 3000 surfatant	Decyl Glucoside	6.00%	Surfactant
	AMPHOSOL CDB-HP	Cetyl Betaine	8.00%	Surfactant
	FOAMYSENSE 205¹	PEG-14M	0.07%	Skin feel modifier
W2	Esafior® ZERO-XB	Guar Hydroxypropyltrimonium Chloride	0.20%	Conditioning Agent
	D.I Water	D.i Water	10.00%	Water
W3	ACULYN 38 Polymer¹	Acrylates/Vinyl Neodecanoate Crosspolymer	6.00%	Thickener
	D.I Water	D.i Water	10.00%	Water
A	DOWSIL CE-7128 NB Emulsion¹	Dimethicone (and) Laureth-23 (and) Laureth-4 (and) Poloxamer 407	1.50%	Conditioning Agent
	DOWSIL™ 1785 POE Emulsion¹	Dimethiconol (and) TEA-Dodecylbenzenesulfonate	1.50%	Conditioning Agent

Recommendations contained, herein this Reference Formula, are advisory only.

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	Glycerin, Aqua, Leontopodium	0.50%	Active
Alpaflor Edelweiss CB²	Alpinum Extract, Citric Acid, Sodium Benzoate, Potassium Sorbate		
Perfume	Perfume	Q.s.	Perfume
Sharomix™ EG10²⁵	Ethylhexylglycerin, Phenoxyethanol	0.50%	Preservative

Suppliers: 1. DOW ; 2.DSM; 4. Lamberti ; 13.Stepan ; 25.SHARON

PROCEDURE

1. Stir W1 until clear.
2. Add phase W2 to phase W1 under stirring.
3. Add phase W3 into main tank in order, adjust the pH value.
4. Finally, add A into the main tank

SPECIFICATION

APPEARANCE	: Opaque Viscous Liquid		
VISCOSITY	: approx.6370 ± 10%	(RVDV-E, RV5, 30rpm, 3 min, 25°C)	
pH	: approx. 5.5 ± 0.5	(25°C)	

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