



Reference Formula

Sample preparation date: 2025/07/31 10:02 AM

水凝噴霧精華 Stay-Mist Essence

T250630-1

FORMULA :**ACULYN™ 98 Rheology Modifier** can efficiently thicken amino acid-based surfactants or other sulfate-free systems. At pH values above 6.5, it enables the formulation of clear products and can also create a non-flowing gel texture that can be sprayed as a fine mist.

Phase	Ingredient (Trade Name)	Ingredient (INCI or Chemical Name)	% By Weight	Function
W	D.I Water	D.I Water	Up to 100%	Water
	ACULYN™ 98 Rheology Modifier ¹	Acrylates/Steareth-20 Methacrylate Crosspolymer	3.33%	Thickener
	NaOH (30% soln')	Sodium Hydroxide	Q.S.	Neutralizer
O	WILFARESTER MCT ¹⁴	Caprylic/Capric Triglyceride	3.00%	Emollient
	PMX-200 Silicone Fluid 5 cSt ¹	Dimethicone	3.00%	Skin feel modifiers
	UCON 75-H-450 ¹	PEG/PPG-17/6 Copolymer	2.00%	Skin feel modifiers
A	PEPHA® -AGE CB ²	Scenedesmus Rubescens Extract (and) Pentylene Glycol (and) Citric Acid (and) Aqua	0.50%	Active
	Pentavitin® ²	Saccharide Isomerate, Aqua, Citric Acid, Sodium Citrate	0.50%	Active
	Lavender Oil ²⁰	Lavandula angustifolia oil	0.10%	Fragrance
	Sharomix™ EG10 ²⁵	Ethylhexylglycerin, Phenoxyethanol	0.50%	Preservative

Suppliers: 1.DOW; 2. DSM; 14. Erca Wilmar; 20.S&S; 25.Sharon

PROCEDURE

1. Prepare phase O and phase W separately.
2. Add phase O to phase W and homogenize until it's uniform.
3. Add phase A into main tank in order.

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

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SPECIFICATION

APPEARANCE	: White jelly-like texture	
VISCOSITY	: approx.6230 \pm 10%	(RVDV-E, RV4, 12rpm, 3 min, 25°C)
pH	: approx. 6.52 \pm 0.5	(25°C)

The information given in this publication is based on our current knowledge and experience and maybe used at your discretion and risk. It does not relieve you from carrying out your own precautions and tests. We do not assume any liability in connection with your product or its use. You must comply with all applicable laws and regulations and observe all third party rights.

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