



Reference Formula

Sample preparation date: 2024/06/14

豐泡洗面露

EP-SC-G-0087A_V1

Description: We chose two popular ingredients from Stepan to make the facial cleanser - **Ammonyx[®] LMDO** and **NINOL[®] CAA**. The rich bubble volume is due to the combination of **Ammonyx[®] LMDO** and **NINOL[®] CAA**. **NINOL[®] CAA** also helps stabilize foam. Additionally, **Ammonyx[®] LMDO** helps build proper viscosity effectively with an amino acid surfactant (**ERCAMILD LS-30**). That's why you must use them.

FORMULA

Phase	Ingredient (Trade Name)	Ingredient (INCI Name)	% By Weight	Function
W1	FOAMYSENSE[™] 205 Polymer¹	PEG-14M	0.15	Skin feel modifiers
	TILAMAR[®] PDO with NØØVISTA[™] 2	Propanediol	3.00	Emollient
	D.I Water	D.I Water	Up to 100.00	Solvent
A	Ammonyx[®] LMDO¹³	Lauryl/Myristyl Amidopropyl Amine Oxide	15.00	Surfactant
	Amphosol[®] CDB HP¹³	Cetyl Betaine	4.80	Surfactant
	Alpha-Step[®] PC-48¹³	Sodium Methyl 2-Sulfolaurate, Disodium 2-Sulfolaurate	7.63	Surfactant
	ERCAMILD LS-30¹⁴	Sodium Lauroyl Sarcosinate	9.00	Surfactant
	NINOL[®] CAA¹³	Dimethyl Lauramide/Myristamide	2.00	Thickener
B	Sharomix[™] EG10²⁵	Ethylhexylglycerin, Phenoxyethanol	0.70	Preservative
	Happy-L¹⁶	Perfume	0.10	Perfume
C	Citric acid (30%)	Citric acid	Q.S.	pH Adjuster

Suppliers: 1. Dow Chemical; 2. DSM; 13. Stepan; 14. ErcaWilmar; 16. Lothar Streeck; 25. SHARON

PROCEDURE

1. Prepare Phase W1 to the main tank.
2. Add Phase A in order and mix well.
3. Add Phase B to the main tank and mix them well.
4. Adjust pH value below pH 6.85.

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

4F-3, No. 100, Sec. 1, Jia Feng 11th Rd., Chupei, Hsin-Chu Hsien 30273, Taiwan, R. O. C.

TEL No. : 886-3-657-9279 FAX No. : 886-3-657-9278

Website : www.essence-plus.com E-MAIL : service@essence-plus.com





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PECIFICATION

APPEARANCE	: Hazy liquid
VISCOSITY	: approx. 2133 ± 10% (RVDV-E, RV-4, 60 rpm, 3 min, 25°C)
pH VALUE	: Approx. 6.85 ± 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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