



Reference Formula

Sample preparation date: 2024/06/14

洗面膠

EP-SC-G-0086A_V1

Description: The foaming ability is excellent due to **Alpha-Step® PC-48** and **Lathanol® LAL Coarse**. However, the bubbles are easily and gently removed during washing compared to other high-detergent power surfactants. We also care about your skin feeling both during and after cleaning. Thanks to **FOAMYSENSE™ 205 Polymer**, it won't leave your skin feeling dry after cleaning.

FORMULA

Phase	Ingredient (Trade Name)	Ingredient (INCI Name)	% By Weight	Function
W1	D.I Water	D.I Water	61.60	Solvent
	Alpha-Step® PC-48 ¹³	Sodium Methyl 2-Sulfolaurate (and) Disodium 2-Sulfolaurate	15.00	Surfactant
	Amphosol® CDB HP ¹³	Cetyl Betaine	10.00	Surfactant
	Lathanol® LAL Coarse ¹³	Sodium Lauryl Sulfoacetate	1.50	Surfactant
	FOAMYSENSE™ 205 Polymer ¹	PEG-14M	0.10	Skin feel modifiers
W2	D.I Water	D.I Water	10.00	Solvent
	ACULYN™ 22 Polymer ¹	Acrylates/Steareth-20 Methacrylate Copolymer	3.50	Thickener
A	NaOH (25%)	Sodium Hydroxide	Q.S.	Thickener
B	Alpicare NS ⁴	PEG-40 Hydrogenated Castor Oil, Trideceth-9, Water	0.10	Solubilizer
	7-Herbs ¹⁶	Perfume	0.05	Perfume
C	Sharon Chlorphenesin ²⁵	Chlorphenesin	0.20	Preservative
	2-Phenoxyethanol ²⁵	Phenoxyethanol	0.80	Preservative
	Citric acid (30%)	Citric acid	q.s	pH Adjuster

Suppliers: 1. Dow Chemical; 4. Lamberti; 13. Stepan; 14. ErcaWilmar; 16. Lothar Streeck; 25. SHARON.

PROCEDURE

1. Prepare Phase W1 and Phase W2 separately.
2. Add Phase W2 into Phase W1 and mix well.
3. Add Phase A to adjust the pH value to around 7.
4. Add Phase B and then Phase C to the main tank, mixing well after each addition.

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

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5. Adjust the pH value to around 6.03.

SPECIFICATION

APPEARANCE	: Hazy gel	
VISCOSITY	: approx. 4247 ± 10%	(RVDV-E, RV-4, 30 rpm, 3 min, 25°C)
pH VALUE	: Approx. 6.03 ± 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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