



Reference Formula

Sample preparation date: 2025/04/29

煥膚平衡水楊酸乳液 Skin Balance Renewal Lotion

M250429-4

Description: This is a lotion designed specifically for acne-prone skin. It uses **ACULYN™ Siltouch Rheology Modifier** as an emulsifier to create a light, watery feel, and uses **UCON Fluid AP** and **CARBITOL Solvent JSQI** as solvents to encapsulate 2% salicylic acid. The addition of **Pyridoxine Hydrochloride** and **Alpaflor® ALP®-Sebum CB** to the formula can achieve effective oil control and anti-acne effects.

FORMULA

Phase	Ingredient (Trade Name)	Ingredient (INCI Name)	% By Weight	Function
O1	UCON Fluid AP¹	PPG-14 Butyl Ether	5.00	Solvent/ Emollient
	CARBITOL Solvent JSQI¹	Ethoxydiglycol	2.50	Solvent
	Salicylic Acid	Salicylic Acid	2.00	Active
W1	ACULYN™ Siltouch Rheology Modifier¹	Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (and) Dimethicone (and) Trideceth-6 (and) PEG/PPG -18/18 Dimethicone	6.00%	Emulsifier
	D.I Water	D.I Water	Up to 100	Water
	EDTA-2Na	EDTA-2Na	0.05	Chelator
	Propylene Glycol	Propylene Glycol	5.00	Moisturizer
	Pyridoxine Hydrochloride²	Pyridoxine Hydrochloride	0.05	Active
A	Alpaflor® ALP®-Sebum CB²	Epilobium Fleischeri Flower/Leaf/Stem Extract, Glycerin, Aqua, Citric acid	0.50	Active
	Sharomix™ EG10²⁵	Ethylhexylglycerin, Phenoxyethanol	0.50	Preservative
B	NaOH	NaOH	q.s	pH adjuster

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

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C	Perfume	Perfume	Q.S	Fragrance
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Supplier: 1. Dow; 2. DSM; 25.Sharon

PROCEDURE

1. Prepare Phase O1 at 70°C and Phase W1 under room temperature.
2. Add Phase O1 into Phase W1 after Phase O1 cools down and mix well.
3. Add Phase A and C into the main tank, then use NaOH adjust the pH to above 3.5.

SPECIFICATION

APPEARANCE	: Non-transparent Lotion
VISCOSITY	: approx. 10,620 ± 10% (RVDV-E, RV5, 20 rpm, 3 min, 25°C)
pH	: approx 3.5 ± 0.5 (25°C)

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