

ReNuva Daily Hair + Body Wash



Formulation

A versatile, glucoside-based hair and body wash with ReNuva RL-50. The sulfate-free primary surfactant system of lauryl glucoside and coco-glucoside provides gentle yet effective cleansing, while sodium coco-sulfate adds flash foam. Mix Phase A at 60°C, then blend in Phase B at 450 RPM.

PHASE A

PHASE TOTAL: 88.8000%

PHASE INSTRUCTIONS

No phase instructions provided.

TRADE NAME	INCI NAME	FUNCTION	W/W %
ReNuva™ RL-50 (Rhamnolipid)	Glycolipids	Biosurfactant	2.3000
SMART IAL	Isoamyl Laurate	Emollient	0.5000
Suga®Det L	Lauryl Glucoside	Surfactant	9.7000
Suga®Det CG	Coco-Glucoside	Surfactant	20.0000
Colonial SCS Needles	Sodium Coco-Sulfate	Surfactant	5.5000
Water	Aqua	Solvent	50.8000

PHASE B

PHASE TOTAL: 11.2000%

PHASE INSTRUCTIONS

No phase instructions provided.

TRADE NAME	INCI NAME	FUNCTION	W/W %
Glycerin	Glycerin	Humectant	9.0000
Phenoxyethanol	Phenoxyethanol	Preservative	1.0000
SorbiThix L100	Sorbeth-230 Tetraoleate (and) Decyl Glucoside (and) Sorbitan Laurate	Thickener	1.2000

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Specifications

VISCOSITY

2000 mPa·s (Brookfield sp.4, 20 RPM, 25°C)

APPEARANCE

Viscous, slightly tinted liquid. Great foaming and lather.

PH TARGET

5.2 - 5.2

APPLICATION AREA

Hair

PROCEDURE

Mix Phase B in a separate vessel at 60 °C

Add Phase B to Phase A under 450 RPM mixing. Adjust pH if needed.

STABILITY TEST

4 wks @ 40°C/50°C · Freeze-thaw x3 · Viscosity & pH check T0 & T4w