Barrier Cream Cleanser

Formulation

A luxurious high-oil cleansing cream with nearly 50% soybean and baobab oils for deep makeup dissolution, emulsified with ReNuva RL-50 at 6.3%. Phase A is heated to 60°C, then Phase B is added and homogenized at 10,000 RPM. Cool to 45°C before adding citric acid for final pH adjustment.

PHASE A — PHASE TOTAL: 56.2000%

PHASE INSTRUCTIONS

No phase instructions provided.

TRADE NAME	INCI NAME	FUNCTION	W/W %
Glycine Soja Oil	Glycine Soja (Soybean) Oil	Emollient	47.5000
BIKIRA® Baobab Oil	Adansonia Digitata Seed Oil	Emollient	5.2000
Calchem BTMS-25	Behentrimonium Methosulfate (and) Cetearyl Alcohol	Conditioning Emulsifier	1.5000
SorbiThix L100	Sorbeth-230 Tetraoleate (and) Decyl Glucoside (and) Sorbitan Laurate	Thickener	2.0000

PHASE B — PHASE TOTAL: 43.8000%

PHASE INSTRUCTIONS

No phase instructions provided.

TRADE NAME	INCI NAME	FUNCTION	W/W %
ReNuva™ RL-50 (Rhamnolipid)	Glycolipids	Biosurfactant	6.3000
Cola®Teric COAB	Cocamidopropyl Betaine	Amphoteric Surfactant	18.9000
Water	Aqua	Solvent	14.6000
Glycerin	Glycerin	Humectant	2.1000
NaOH (10%)	Sodium Hydroxide	pH Adjuster	1.3000
Pentylene Glycol	Pentylene Glycol	Humectant	0.6000

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Specifications

VISCOSITY

2000 mPa·s (semi-solid paste)

APPEARANCE

Creamy white paste. Rich, emollient texture. Rinses to a milky emulsion.

PH TARGET

6 - 6

APPLICATION AREA

Face

PROCEDURE

Heat Phase A to 60°C until melted. Add Phase B slowly under homogenization at 10,000 RPM. Cool to 45°C, adjust pH. Fill at 40°C.

STABILITY TEST

4 wks @ 40°C/50°C · Freeze-thaw ×3 · Emulsion stability & phase separation check T0 & T4w