

Sebum Control Foam



Formulation

A minimalist foaming cleanser designed for pump foamer dispensing, with ReNuva RL-50 at 6% for maximum biosurfactant performance. The simple formula of RL-50 + CAPB delivers dense, creamy foam. Aloe vera and pentylene glycol add hydration balance.

PHASE A

PHASE TOTAL: 100.0000%

PHASE INSTRUCTIONS

No phase instructions provided.

TRADE NAME	INCI NAME	FUNCTION	W/W %
Water	Aqua	Solvent	77.5000
ReNuva™ RL-50 (Rhamnolipid)	Glycolipids	Biosurfactant	6.0000
Cola®Teric COAB	Cocamidopropyl Betaine	Amphoteric Surfactant	11.0000
Lactic Acid (88%)	Lactic Acid	pH Adjuster	0.0000 (q.s.)
Butylene Glycol	Butylene Glycol	Humectant	3.0000
Aloe Vera Juice	Aloe Barbadensis Leaf Juice	-	2.0000
Phenoxyethanol	Phenoxyethanol	Preservative	0.4000
Lavender Essential Oil	Lavandula Angustifolia Oil	Fragrance	0.1000

Specifications

VISCOSITY

120 mPa·s

APPEARANCE

Clear, slightly turbid liquid. Foams very well with pump foamer. Light lavender scent.

PH TARGET

5.2 - 5.2

APPLICATION AREA

Body

PROCEDURE

Combine all Phase A at room temperature. Mix at 450 RPM until homogeneous. Add lavender EO last. Fill into pump foamer bottles.

STABILITY TEST

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