BOTANICAL BALM

FORMULA CODE: GLP-0001 VERSION DATE: 02/13/25

RICH BALM-TEXTURED CREAM · FACE AND BODY

GREEN LINE INGREDIENTS

TRADE NAME | SUPPLIER	INCI	%
PHASE A		
Water	Water	68.23
GreenGard™ PA / Green Line	**Phytic Acid (and) Water**	**0.10**
PHASE B		
Glycerin	Glycerin	3.00
Guar Gum	Cyamopsis Tetragonoloba (Guar) Gum	0.15
PHASE C		
GreenWax™ N V2 MB / Green Line	**Polyglyceryl-10 Distearate (and) Cetearyl Alcohol**	**6.00**
GreenWax™ GL MB / Green Line	**Cetearyl Alcohol (and) Glyceryl Laurate**	**5.00**
Bergacare FG Olive / Berg + Schmidt	Hydrogenated Ethylhexyl Olivate (and) Hydrogenated Olive Oil Unsaponifiables	5.00
Castor Oil	Ricinus Communis (Castor) Seed Oil	3.00
Sea Buckthorn Oil	Hippophae Rhamnoides (Sea Buckthorn) Seed Oil	2.00
GLE RoseHip Seed Oil / Green Line	**Rosa Canina Seed Oil**	**2.00**
Inflamox™ Plus / Green Line	**Vaccinium Macrocarpon (Cranberry) Seed Oil (and) Rosmarinus Officinalis (Rosemary) Leaf Extract (and) Zingiber Officinale (Ginger) Root Extract (and) Curcuma Longa (Turmeric) Root Extract**	**1.00**
Radigard™ SF-R / Green Line	**Carthamus Tinctorius (Safflower) Seed Oil (and) Rosmarinus Officinalis (Rosemary) Leaf Extract**	**1.00**
Organic Virgin Coconut Oil	Cocos Nucifera (Coconut) Oil	0.60
Glyceryl Caprylate	Glyceryl Caprylate	0.18
PHASE D		
Lemon Myrtle CO2 Extract / Flavex	Backhousia Citriodora (Lemon Myrtle) Leaf Extract	0.08
Rosemary Moroccan Essential Oil / Lebermuth	Rosmarinus Officinalis (Rosemary) Leaf Oil	0.08
Peppermint Indian Essential Oil / Lebermuth	Mentha Piperita (Peppermint) Oil	0.08
PHASE E		
GreenGard™ LA / Green Line	**Water (and) Arginine (and) Levulinic Acid (and) p-Anisic Acid**	**2.50**
PHASE F		
Citric Acid (50% Aq Solution)	Citric Acid (and) Water	QS
Sodium Hydroxide (25% Aq Solution)	Water (and) Sodium Hydroxide	QS

PROCESSING

1. In a suitably sized main beaker, add Phase A and begin mixing/heating to 70-75°C.

2. Pre-blend Phase B in a separate container, add to main beaker while propeller mixing. Mix until uniform and continue heating.

3. In a suitably sized side beaker, weigh Phase C and mix/heat to 70-75°C (ingredients should be molten at temperature).

4. When both beakers are uniform and at proper temperature, add side beaker to main beaker while propeller mixing. Maintain temperature and continue mixing with vortex for 5 minutes (be careful not to aerate batch).

5. Switch to homogenization and mix for 1-2 minutes per kg batch size with cooling.

6. Switch to sweep mixing, and mix while continuing to cool.

7. Pre-blend Phase D ingredients in a separate container. Add to main beaker when batch is at 50-55°C and continue to mix and cool.

8. Add Phase E ingredient when main beaker is uniform. Continue to mix and cool until batch reaches room temperature.

9. If necessary, adjust pH of main beaker with ingredients listed in Phase F.

10. Discharge batch when in spec and at room temperature.

FORMULA SPECIFICATIONS (at room temperature)

Appearance: rich balm-textured cream, light on application

Color: natural golden hue from the plant oils

Odor: essential oils and extract at 0.24%

pH: 4.5-5.5

Please note: the information provided on this formulation sheet is provided as guidance and subject to change. This formula is not intended to be a commercial product.