

# COCOA CALMING BALM

with CocoaDesign™ S and Actigum™ CS 11 QD



Phase	Trade Name	INCI	Supplier	%WT
A	Deionized Water	Water	-----	q.s.
	<b>Glycerin</b>	<b>Glycerin</b>	<b>Cargill</b>	<b>2.00</b>
	<b>Actigum™ CS 11 QD</b>	<b>Sclerotium Gum</b>	<b>Cargill</b>	<b>0.40</b>
B	<b>CocoaDesign™ S</b>	<b>Cocoa Butter Ethyl Esters</b>	<b>Cargill</b>	<b>15.00</b>
	Vercarem P3S	Polyglyceryl-3 Stearate	Jover Sciencetech	1.75
	Admul® SSL 1078 K	Sodium Stearoyl Lactylate	Kerry	0.25
	Cutina® GMS-SE	Glyceryl Stearate SE	BASF	0.50
	Lanette® O	Cetearyl Alcohol	BASF	0.50
C	Geogard® ECT	Benzyl Alcohol (and) Salicylic Acid (and) Glycerin (and) Sorbic Acid	Arxada	1.00
	Sodium Hydroxide, ACS Grade (20% Solution)	Sodium Hydroxide (and) Water	VWR	q.s.

## CHARACTERISTICS

- **Appearance:** Thick lotion (with light skin feel)
- **pH:** 5-6
- **Stability:** Passed Full Stability (through w8 4°C, RT, 45°C, DRT, UV; through w2 50°C; through 3 cycles FT; through 3 cycles HC)
- **Viscosity:** 215-360kCp (Brookfield Digital Viscometer Model RVDV-E at RT, T-C, 2.0rpm)



## PROCESS

1. Mix the ingredients of Phase A with slow homomixing agitation at RT. Heat to 75-80°C.
2. In a separate vessel, mix the ingredients of Phase B and heat to 75-80°C.
3. Add Phase B to Phase A with moderate homomixing agitation at 75-80°C.
4. Shift Phase AB to moderate propeller agitation. Begin cooling to 50-55°C.
5. Add Phase C with slow propeller agitation at 50-55°C.
6. Stop mixing at 45-50°C.



If it's possible to calm your mind by calming your skin, then we've got you covered with Cocoa Calming Balm containing **CocoaDesign™ S**.

The delightfully light skin-feel wrapped up in a rich cocooning texture will help unwind your mind and delight your senses!

**PATENTS AND REGULATIONS** The information presented herein is intended to illustrate the possible technical applications of our products. However, since the use of this information and our products is beyond our control, any recommendations or suggestions are made without guarantee of warranty in each country and particularly in the absence of patent rights. In addition, we recommend that the user ensures that this product is in compliance with the local regulations in force, particularly in the country where the finished product is to be consumed. It is the responsibility of the user to comply with the patents and the regulations in force.

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