



**Gel Balm with Aloe**

**Formulation: FX903**

This translucent gel balm features excellent playtime and cushion without tack.

<b><u>Phase</u></b>	<b><u>Ingredient</u></b>	<b><u>INCI Name</u></b>	<b><u>%w/w</u></b>
<b>Part A</b>	Deionized Water	Aqua	63.66
	Carbopol 980 (Noveon)	Carbomer (in.aq. Sol'n)	25.00
	Tetrasodium EDTA	Tetrasodium EDTA	0.10
<b>Part B</b>	TEA 99%	Triethanolamine	0.70
<b>Part C</b>	Glycerin 96%	Glycerin	3.00
	Aloe Vera Gel 10X	Aloe Barbadensis Gel	5.00
<b>Part D</b>	Caprylic/Capric Triglyceride	Caprylic/Capric Triiglyceride	0.50
<b>Part E</b>	Silwax WD-IS (Siltech)	Dimethiconol Copolyol Isostearate	1.00
<b>Part F</b>	Germaben II (ISP/Sutton)	Propylene Glycol, Diazolidinyl Urea, Methylparaben and Propylparaben	1.00
<b>Part G</b>	FD & C Green #3, 1%aq. Sol'n	FD&C Green #3 (aq. sol'n.)	<u>0.04</u>
			<b><u>100.00</u></b>

**Procedure:**

1. Add Phase A ingredients to main vessel; mix to uniformity at room temperature between each addition.
2. Slowly add Phase B to form gel. Switch to side-sweep mixing and heat Phases A-B to 75°C.
3. Add premixed Phase C, maintaining temperature and mixing to uniformity.
4. Add Phases D & E sequentially, mixing to uniformity between each addition. Continue mixing while cooling batch to 40°C.
5. Add Phase F and mix to uniformity.
6. Add Phase G and mix to uniformity and fill.

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