



**MOISTURIZING FACIAL CREAM EXFOLIATOR**

An exfoliating facial cream with **JOJOBA BUTTER BEADS™** to gently exfoliate the face, and **JOJOBA AQUA SOL** to moisturize the skin, while acting as a mild, non-ionic surfactant. The **JOJOBA BUTTER BEADS** melt into the skin upon rub-in for long-lasting moisturization. **JOJOBA AQUA SOL** also acts as a pH adjuster and secondary emulsifying agent in the formula.

<b>INCI NAME</b>	<b>TRADE NAME</b>	<b>WT. %</b>
<b>Phase A</b>		
Water		31.11
Tetrasodium EDTA	Versene 100 <sup>1</sup>	0.05
Hydroxyethylcellulose	Cellosize HEC QP-52, 000H <sup>1</sup>	0.50
<b>Phase B</b>		
Methylparaben		0.25
Propylparaben		0.10
Glycerine	Emery 912 <sup>2</sup>	2.50
<b>Phase C</b>		
Water		30.00
Tetrasodium EDTA	Versene 100 <sup>1</sup>	0.05
Sodium Lauryl Sulfoacetate	Lathanol LAL Powder <sup>3</sup>	5.00
Poloxamer 407	Pluracare F127 Prill <sup>4</sup>	5.00
<b>Jojoba Wax PEG 120 Esters</b>	<b>JOJOBA AQUA SOL</b> <sup>5</sup>	<b>3.00</b>
<b>Phase D</b>		
<b>Simmondsia Chinensis (Jojoba) Seed Oil</b>	<b>Jojoba Oil Colorless</b> <sup>5</sup>	<b>8.90</b>
Glyceryl Stearate (and) PEG-30 Stearate	Arlatone 983S <sup>6</sup>	8.90
Stearyl Alcohol	Crodacol S-70 <sup>7</sup>	1.50
<b>Phase E</b>		
DMDM Hydantion	Mackstat DMDM Hydantion	0.20
<b>Phase F</b>		
Fragrance	Hawaiian Rain <sup>8</sup>	0.34
	1% FD&C Blue 1 solution	0.063
	1% D&C Red 33 solution	0.034
<b>Simmondsia Chinensis (Jojoba) Butter (and) Hydrogenated Jojoba Oil</b>	<b>JOJOBA BUTTER BEADS™</b>	<b>2.50</b>
		100.0

**Procedure**

Combine Versene & water of phase C with propellor. Slowly add Lathanol to phase C with prop, scraping sides occasionally, then heat to 75C with prop. Mix with prop as slowly as possible to minimize foam. Add Pluracare to C with prop maintaining 70-75C, scraping sides occasionally. Add Aqua Sol to C with prop maintaining 70-75C. Combine phase B, heat & mix occasionally until clear. Combine water & Versene of phase A with prop. Sprinkle in Cellosize with prop, and heat to 75C. Combine phase D & heat to 80C in oil bath. Add premixed phase B to phase A with prop. @ 75C. Add phase C to phase AB @ 75C with prop. Add phase D @ 80C to phase ABC @ 75C with prop, slowly allowing the additions to be taken in. Add phase E to phase ABCD @ 50C with prop. & switch to sweep. Add phase F at RT with sweep. Add phase G at RT with sweep.

**Suppliers**

- <sup>1</sup> Dow Chemical
- <sup>2</sup> Cognis
- <sup>3</sup> Stepan

- <sup>4</sup> BASF
- <sup>5</sup> Desert Whale Jojoba
- <sup>6</sup> Uniqema

- <sup>7</sup> Croda
- <sup>8</sup> Wellington Frangrance Co.

**~ CLEANSING ~ VISCOSITY BOOSTING ~**

This information is based on our present state of knowledge. No warranty is expressed or implied as to the use or application of this product. The suitability and safety of the final formulation should be confirmed in all respects by appropriate evaluation.