



# Hair Styling Wax

Products Highlighted: Florasun® 90, Floraesters® 15, and Floraesters 20



a **Cargill** company

This formula provides flexible control to your hairstyle while leaving hair shiny and conditioned. Floraesters 15, Floraesters 20, and Florasun 90 contribute to emolliency, shine, and conditioning.

Phase	Trade/Common Name	INCI Name	Manufacturer	%wt/wt
A.	White Petrolatum USP	Petrolatum	Penreco	28.50
	Beeswax Yellow Refined SP 6	Beeswax	Strahl & Pitsch	6.00
	Bentone Gel® VS-5 PC V	Cyclomethicone (and) Quaternium-18 Hectorite (and) SD Alcohol 40	Elementis Specialties	5.00
	<b>Florasun 90</b>	<b>Helianthus Annuus (Sunflower) Seed Oil</b>	<b>Floratech</b>	<b>5.00</b>
	<b>Floraesters 20</b>	<b>Jojoba Esters</b>	<b>Floratech</b>	<b>3.00</b>
	<b>Floraesters 15</b>	<b>Jojoba Esters</b>	<b>Floratech</b>	<b>7.00</b>
	Supra® H USP	Talc	Luzenac America, Inc.	2.00
	Carnauba Wax SP 63	Copernicia Cerifera (Carnauba) Wax	Strahl & Pitsch	6.00
B.	Deionized Water	Water	-----	q.s.
	Florasolve® PEG-120 Jojoba Preservative	Jojoba Wax PEG-120 Esters	The HallStar Company	10.00
		-----	-----	q.s.
C.	Fragrance	-----	-----	q.s.
	Covi-Ox® T 70 C	Tocopherol	BASF Corporation	1.00
<b>Total</b>				<b>100.00</b>

## Mixing Procedure

1. Combine Phase A ingredients and heat to 90°C with moderate propeller agitation. Mix for 20 minutes.
2. Combine Phase B ingredients and mix at 80°C with moderate propeller agitation. When Phase B is completely mixed, add slowly to Phase A with rapid propeller agitation.
3. Cool to 75°C and add Phase C components. Transfer to container(s) while still hot and fluid. Allow time to cool to room temperature.

Note: The information herein is based on our research and the research of others and is believed to be accurate. No guarantee of accuracy is made and the products are provided without warranty, expressed or implied and upon condition that purchasers shall make their own tests to determine the suitability, stability or safety of such products for their particular purposes. Likewise, statements concerning the possible use of these products are not intended as recommendations to use these products in infringement of any patent or in the treatment, prevention, or cure of any medical condition. INCI/trade names must be verified with each manufacturer. (Cleared for Public Disclosure)