



# Silicone-Free Hair Water

Products Highlighted: *Floraesters K-20W® Jojoba*



This styling aid is designed to condition the hair and provide easy combing after use. The product is formulated with botanical ingredients derived from jojoba and high-oleic sunflower, providing a long lasting conditioning effect and excellent fragrance retention. Floraesters® K-20W Jojoba contributes to improved shine, nourishment, and combability.

Phase	Trade/Common Name	INCI Name	Manufacturer	%wt/wt
A.	Ethanol Solutions 3, UN 1170, PG II, SDA 40-2, 200 Proof Preservative <sup>1</sup>	Alcohol Denat.	Remet Corporation	3.00
	Fragrance	-----	-----	q.s.
	Glycerox 767	PEG-6 Caprylic/Capric Glycerides	Croda, Inc.	1.00
B.	Florasolvs® PEG-10 Sunflower Glycerin, USP	PEG-10 Sunflower Glycerides Glycerin	The HallStar Company The Dow Chemical Co.	2.00 2.00
C.	<b>Floraesters K-20W Jojoba</b>	<b>Hydrolyzed Jojoba Esters (and) Water (Aqua)</b>	<b>Floratech</b>	<b>1.00</b>
D.	Catinal STC-25W	Steartrimonium Chloride	Toho Chemical Industry, Co, Ltd.	1.00
E.	Deionized Water	Water	-----	q.s.
		<b>Total</b>		<b>100.00</b>

## Mixing Procedure

1. Mix the preservative with the Ethanol Solutions 3, UN 1170, PG II, SDA 40-2, 200 Proof of Phase A with moderate propeller agitation until uniform.
2. Mix the fragrance with the Glycerox 767 until uniform. Slowly add to Phase A with moderate propeller agitation. Continue mixing until the Phase is completely clear.
3. Mix the Florasolvs PEG-10 Sunflower with the glycerin until uniform. Add to Phase A slowly with moderate propeller agitation. Mix until uniform.
4. Add the Floraesters K-20W Jojoba to Phase AB with moderate propeller agitation. Continue mixing until completely homogeneous.
5. Add the Catinal STC-25W to Phase ABC with moderate propeller agitation. Continue mixing until completely homogeneous.
6. Add Phase ABCD to the deionized water of Phase E very slowly. Continue mixing with moderate propeller agitation until uniform.

Note: All mixing is done at room temperature.

<sup>1</sup> Preservative: Bronidox® 1160 (INCI: Phenoxyethanol) supplied by BASF Corporation

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 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)