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## Winter Wonder Hand Lotion

*Products highlighted: Florasun<sup>®</sup> 90, Floraesters 30, 60 and Floraesters K-100 Jojoba*

This hand lotion soothes and softens the skin as it relieves dryness. The combination of the Floraesters and Florasun 90 provides a conditioning effect, while the Floraesters K-100 and Glycerin combination moisturizes the skin leaving it smooth and healthy looking.

Phase	Trade Name	INCI Name	Supplier	%wt./wt.
A.	Deionized Water	Water		Q.S.
	Glycerin USP	Glycerin	Acme-Hardesty	1.00
	Carbowax Sentry <sup>®</sup> Polyethylene Glycol 400 NF, FCC	PEG-8	Dow	1.00
	SF-96 200	Dimethicone	GE Silicones	2.00
B.	<b>Florasun 90</b>	<b>Helianthus Annuus (Sunflower) Seed Oil (and) Tocopherol</b>	<b>Floratech</b>	<b>2.00</b>
	<b>Floraesters 30</b>	<b>Jjoba Esters (and) Tocopherol</b>	<b>Floratech</b>	<b>2.00</b>
	<b>Floraesters 60</b>	<b>Jjoba Esters (and) Tocopherol</b>	<b>Floratech</b>	<b>2.50</b>
	Cetyl Alcohol NF	Cetyl Alcohol	Essential Ingredients	3.00
	Pristerene 4911	Stearic Acid	Croda	1.00
	Lexemul 561	Glyceryl Stearate (and) PEG-100 Stearate	Inolex	2.00
	Cocoa Butter	Theobroma Cacao (cocoa) Seed Butter	Lambent Technologies	0.50
C.	Deionized Water	Water		15.00
	<b>Floraesters K-100 Jojoba</b>	<b>Hydrolyzed Jojoba Esters (and) Jojoba Esters (and) Water (Aqua)</b>	<b>Floratech</b>	<b>2.50</b>
D.	Preservative	-----		Q.S.
	Fragrance	Fragrance		0.50
			<b>TOTAL</b>	<b>100.00</b>

### Mixing Procedure:

1. Heat water of Phase A to 80°C. Add Glycerin, PEG-8 and Dimethicone to water and mix with moderate propeller agitation.
2. Combine all ingredients of Phase B; mix and heat to 80°C. Add Phase B to Phase A. Mix for approximately 20 minutes.
3. Pre-mix and heat Phase C to 60°C, add to Phase AB. Reduce heat to 40°C.
4. Add Phase D. Continue to mix, reduce heat and allow temperature to reach 25°C.

Note: The information herein is based on our research and the research of others and is believed to be accurate. No guarantee of their accuracy is made and the products discussed are sold 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.