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Skin Conditioning Shaving Gel

Products highlighted: Florasolvs® PEG-120 Jojoba, Floraesters® K-20W Jojoba

This unique shaving gel does not rely on foam or lather to provide a clean, close shave. Instead, the shaving gel lubricates the skin and facial hair in a unique way.

Razor friction is reduced, the closeness of the shave is enhanced, and irritation is virtually eliminated when this shaving gel is used. This substantive gel seals in enhanced skin moisturization for hours after the shave.

Phase	Trade Name	INCI Name	Supplier	%wt./wt.
A.	Deionized Water	Water		62.74
	Versene Na2	Disodium EDTA	Dow	0.01
	Carbopol Ultrez 20	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	Lubrizol	0.50
B.	Sorbitol Solution 70% USP/FCC	Sorbitol	SPI Polyols	10.00
	Florasolvs PEG-120 Jojoba	Jojoba Wax PEG-120 Esters	Floratech	5.00
	Glycerin USP	Glycerin	Acme-Hardesty	5.00
C.	Butylene Glycol	Butylene Glycol	Ashland	1.00
	Preservative	-----		Q.S.
D.	SD Alcohol 40	SD Alcohol 40	Remet	10.00
	Floraesters K-20W Jojoba	Hydrolyzed Jojoba Esters (and) Water (Aqua)	Floratech	5.00
E.	Fragrance ¹	-----		Q.S.
	Color (optional)	-----		Q.S.
TOTAL				100.0

Mixing Procedure:

1. Add Versene Na2 to water with propeller mixing. Slowly sift the Carbopol into the water and allow enough mix time for complete hydration to take place. Heat Phase A to 60°C.
2. Mix components of Phase B together and heat to 60°C. Add Phase B to Phase A and mix for 20 minutes at 60°C. Lower temperature to 40°C.
3. Premix the preservative in the butylene glycol, and add Phase C to Phase AB.
4. Premix the Floraesters K-20W Jojoba in alcohol and add to Phase ABC.
5. If desired, add color and/or fragrance to the mix at room temperature with sweep agitation.

¹ "Skin Care" fragrance from Shaw Mudge & Co. (type 13765H), used for demo products.

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.

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