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Clear Multi-Vitamin Gel

Product highlighted: Florasomes® Jojoba, Floraesters® K-20W Jojoba

This formula produces a clear gel with vitamin-enriched Florasomes suspended throughout. The visual effects are enhanced with the use of *multi-colored* Florasomes, each color conveying a different vitamin for skin nourishment. With lipid soluble materials enrobed within the Florasomes, the gel remains clear and colorless. Essentially, this formula can be represented as a “Macro Emulsion,” with a visibly dispersed Florasomes phase in an aqueous continuous phase.

In addition, Floraesters K-20W Jojoba acts as the neutralizer, an emollient and as a skin conditioner which helps to moisturize and protect the skin.

Phase	Trade Name	INCI Name	Supplier	% wt/wt
A.	Deionized Water	Water		Q.S.
	Versene Na2	Disodium EDTA	Dow	0.01
	Carbopol Ultrez 20	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	Lubrizol	0.30
B.	Preservative	-----		Q.S.
C.	Floraesters K-20W Jojoba	Hydrolyzed Jojoba Esters (and) Water (Aqua)	Floratech	1.80
	Deionized Water	Water		12.00
	Glycerox 767	PEG-6 Caprylic/Capric Glycerides	Croda	3.00
D.	Florasomes Jojoba MDS¹ with 10% Vitamin E	Jojoba Esters (and) Tocopheryl Acetate	Floratech	0.3
	Florasomes Jojoba MDS¹ with 0.02% Beta-Carotene	Jojoba Esters (and) Beta-Carotene	Floratech	0.4
	Florasomes Jojoba MDS¹ with 5% Vitamin C	Jojoba Esters (and) L-Ascorbic Acid	Floratech	0.3
		TOTAL:		100.00

Mixing Procedure:

1. Mix Phase A ingredients for 30 minutes or until homogeneous (rapid agitation).
2. Add Phase B. Mix 10 minutes with moderate agitation.
3. Pre-mix Floraesters K-20W Jojoba and Deionized Water. Add Glycerox 767
4. Add Phase C to Phase AB. Mix with slow agitation until gelling occurs.
5. Add Florasomes of Phase D with sweeping agitation until Florasomes are dispersed throughout gel.

¹ Any color or combination of colors

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.