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## Enhanced Treasure Chest Gel

*Products highlighted: Florasomes<sup>®</sup> Jojoba, Floraesters<sup>®</sup> K-20W Jojoba*

This formula produces a crystal clear gel to apply to the skin. Florasomes provide jojoba emolliency and can bring special affects to the skin, such as pearlescence, fragrance, glitter, etc., depending on choice of Florasomes. The use of Floraesters K-20W Jojoba enhances the skin feel of the gel, and acts as the neutralizer for the Carbopol polymer.

Phase	Trade Name	INCI Name	Supplier	%wt./wt
A.	Deionized Water	Water		Q.S.
	Versene Na2	Disodium EDTA	Dow	0.02
	Carbopol Ultrez 20	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	Lubrizol	0.15
B.	Methylparaben	Methylparaben	Botanigenics	0.15
	Butylene Glycol	Butylene Glycol	Ashland	1.00
C.	<b>Floraesters K-20W Jojoba</b>	<b>Hydrolyzed Jojoba Esters (and) Water (Aqua)</b>	<b>Floratech</b>	<b>1.20</b>
	Deionized Water	Water		1.50
	Solubilisant LRI	PPG-26-Buteth-26 (and) PEG-40 Hydrogenated Castor Oil	LCW	1.40
D.	Emeressence 1160 Rose	Phenoxyethanol	Cognis	Q.S.
E.	<b>Florasomes Jojoba MDS<sup>1</sup></b>	<b>Jojoba Esters (and) Additive</b>	<b>Floratech</b>	<b>2.0</b>
			<b>TOTAL:</b>	<b>100.00</b>

### Mixing Procedure:

1. Add Versene Na2 to water with rapid propeller agitation. Add Carbopol Ultrez 20 and mix with moderate propeller agitation for one hour to allow for complete hydration.
2. Premix Phase B ingredients, mixing until methylparaben is dissolved. Add Phase B to Phase A. Mix with propeller agitation until uniform (approximately 15 minutes).
3. Combine Phase C ingredients. Slowly with sweep agitation, add to Phase AB. With sweep agitation, slowly add Phase D to Phase ABC until gel color is clear and uniform. Begin to cool mixture to R.T.
4. At a mix temperature of 45°C, pour in the phenoxyethanol with stirring. Allow mix to cool to R. T.
5. Add Phase E to completed mixture with sweep agitation until Florasomes are evenly distributed throughout gel.

<sup>1</sup> Any color or combination of colors or fragrance may be used.

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.