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## Macadamia Lip Balm

*Products highlighted: Floramac® Macadamia Oil, Florasun® 90, Floraesters® 30, Floraesters 70*

Macadamia oil and jojoba esters form a protective, emollient moisture barrier on the lips that helps keep them soft and supple when exposed to the elements (wind, sun, cold and dry heat). Each of the natural botanical emollients exhibits excellent oxidative stability.

Phase	Trade Name	INCI Name	Supplier	%wt./wt.
A.	<b>Floramac Macadamia Oil</b>	<b>Macadamia Integrifolia Seed Oil (and) Tocopherol</b>	<b>Floratech</b>	<b>30.00</b>
	Castor Oil	Ricinus Communis (Castor) Seed Oil	CasChem	Q.S.
	<b>Florasun 90</b>	<b>Helianthus Annuus (Sunflower) Seed Oil (and) Tocopherol</b>	<b>Floratech</b>	<b>4.50</b>
	<b>Floraesters 30</b>	<b>Jojoba Esters (and) Tocopherol</b>	<b>Floratech</b>	<b>6.00</b>
	<b>Floraesters 70</b>	<b>Jojoba Esters</b>	<b>Floratech</b>	<b>1.15</b>
	Carnauba Wax #1 Yellow SP 63	Copernicia Cerifera (Carnauba) Wax	Strahl & Pitsch	3.80
	Candelilla Wax SP 75	Euphorbia Cerifera (Candelilla) Wax	Strahl & Pitsch	6.60
	Yellow Beeswax SP 6P	Beeswax	Strahl & Pitsch	4.00
	Castorwax-NF	Hydrogenated Castor Oil	CasChem	1.60
	NatureChem CR Preservative	Cetyl Ricinoleate -----	CasChem	1.60 Q.S.
B.	Eusolex T-45D	Isononyl Isonononate (and) Titanium Dioxide (and) Alumina (and) Simethicone (and) Polyglyceryl-6 Ricinoleate	Rona	3.00
C.	Parsol MCX	Ethylhexyl Methoxycinnamate	DSM	7.10
	Covi-Ox T-70	Tocopherol	Cognis	0.10
	Artificial Macadamia Nut Flavor OS	Flavor (and) Caprylic/Capric Triglyceride	Bell Flavors & Frag.	0.45
			<b>TOTAL:</b>	<b>100.00</b>

### Mixing Procedure:

1. Combine ingredients of Phase A and heat to 85°C with moderate agitation.
2. Add Phase B to Phase A and mix using a homogenizer to completely disperse the Eusolex T-45D.
3. Cool batch to 75°C, add Phase C and mix with propeller agitation. Fill containers<sup>1</sup> as soon as possible.

<sup>1</sup> Containers from Federal Packaging: 500 "Collar" propel/repel.

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.