




a **Cargill** company

Natural Lip Protectant

Products Highlighted: *Floramac® Macadamia Oil Refined, Floraesters® 30, Floraesters 60, and Floraesters 70*



In this natural lip protectant formula, jojoba esters form a protective, emollient moisture barrier that helps keep lips soft and supple when exposed to the elements (wind, sun, cold, and dry heat). The Floratech emollients exhibit excellent oxidative stability and the Floraesters 70 effectively enhances stick strength. 

Phase	Trade/Common Name	INCI Name	Manufacturer	%wt/wt
A.	#1 Castor Oil, Standard Liquid #881	Ricinus Communis (Castor) Seed Oil	Acme-Hardesty Co.	q.s.
	Floramac Macadamia Oil Refined	Macadamia Integrifolia Seed Oil	Floratech	2.10
	Floraesters 30	Jojoba Esters	Floratech	13.00
	Floraesters 60	Jojoba Esters	Floratech	6.50
	Floraesters 70	Jojoba Esters	Floratech	1.00
	Carnauba Wax T-1F	Copernicia Cerifera (Carnauba) Wax	Natural Wax	5.10
	7820 Light Special Candelilla Real®	Euphorbia Cerifera (Candelilla) Wax	Multiceras	5.10
	Beeswax NF Yellow, Wax #423P	Beeswax	Koster Keunen, Inc	3.00
	Castorwax®	Hydrogenated Castor Oil	Vertellus Specialties, Inc.	1.00
	Pelemol® CR Preservative ¹	Cetyl Ricinoleate	Phoenix Chemical, Inc.	2.00
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B.	β-Carotene 30% FS	Beta-Carotene	DSM Nutritional Products	0.003
	Univul® MC80	Ethylhexyl Methoxycinnamate	BASF Corporation	5.00
	Covi-Ox® T 70 C	Tocopherol	BASF Corporation	0.05
	Orange 10X Essential Oil	Citrus Sinensis Valencia	Bramble Berry	1.00
		Total		100.00

Mixing Procedure

1. Combine ingredients of Phase A and heat to 85-90°C with moderate agitation.
2. Cool batch to 75°C; add Phase B and mix with moderate propeller agitation. Fill containers² immediately.

Typical Properties: **Relative Strength: 0.25 - 0.65 kg**
Penetration: 135 - 255 dmm

¹ Preservative: Bronidox® 1160 [INCI:Phenoxyethanol] supplied by BASF Corporation

² Containers: 500 "Collar" propel/repel supplied by Federal Packaging

Note: The information herein is based on our research and the research of others and is believed to be accurate. No guarantee of accuracy is made and the products are provided without warranty, expressed or implied and upon condition that purchasers shall make their own tests to determine the suitability, stability or safety 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 or in the treatment, prevention, or cure of any medical condition. INCI/trade names must be verified with each manufacturer. (Cleared for Public Disclosure)