

# NATURAL LIP PROTECTANT

with Floramac<sup>®</sup> Macadamia Oil Refined, Floraesters<sup>®</sup> 30, Floraesters 60, and Floraesters 70



Phase	Trade Name	INCI	Supplier	%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	Cargill Beauty	2.10
	Floraesters 30	Jojoba Esters	Cargill Beauty	13.00
	Floraesters 60	Jojoba Esters	Cargill Beauty	6.50
	Floraesters 70	Jojoba Esters	Cargill Beauty	1.00
	Carnauba Wax T-1F	Copernicia Cerifera (Carnauba) Wax	Natural Wax	5.10
	7820 Light Special Candelilla Real <sup>®</sup>	Euphorbia Cerifera (Candelilla) Wax	Multiceras	5.10
	Beeswax NF Yellow, Wax #423P	Beeswax	Koster Keunen, Inc	3.00
	Castorwax <sup>®</sup>	Hydrogenated Castor Oil	Vertellus Specialties, Inc.	1.00
	Pelemol <sup>®</sup> CR	Cetyl Ricinoleate	Phoenix Chemical, Inc.	2.00
Preservative <sup>1</sup>	-----	-----	q.s.	
B	β-Carotene 30% FS	Beta-Carotene	DSM Nutritional Products	0.003
	Univul <sup>®</sup> MC80	Ethylhexyl Methoxycinnamate	BASF Corporation	5.00
	Mixed Tocopherols LBP > 95% MXD	Tocopherol	Cargill Beauty	0.05
	Orange 10X Essential Oil	Citrus Sinensis Valencia	Bramble Berry	1.00

<sup>1</sup> Preservative: Bronidox<sup>®</sup> 1160 [INCI:Phenoxyethanol] supplied by BASF Corporation

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

## CHARACTERISTICS

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

## PROCESS

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 containers<sup>2</sup> immediately.

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 Cargill Beauty emollients exhibit excellent oxidative stability and the **Floraesters 70** effectively enhances stick strength.



**PATENTS AND REGULATIONS** The information presented herein is intended to illustrate the possible technical applications of our products. However, since the use of this information and our products is beyond our control, any recommendations or suggestions are made without guarantee of warranty in each country and particularly in the absence of patent rights. In addition, we recommend that the user ensures that this product is in compliance with the local regulations in force, particularly in the country where the finished product is to be consumed. It is the responsibility of the user to comply with the patents and the regulations in force. Cargill has not tested Floramac Macadamia Oil Refined, Floraesters 30, Floraesters 60, or Floraesters 70 in final OTC drug formulations. Compliance with FDA regulations is the responsibility of the customer.

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