



a **Cargill** company

# Luxurious Spray-On Lotion

**Product Highlighted:** *Floramac® Macadamia Oil Refined*



This calming, moisturizing spray-on lotion is specially formulated with Floramac Macadamia Oil Refined to nourish and protect skin while leaving it soft and lush.

| Phase        | Trade/Common Name                     | INCI Name                                    | Manufacturer             | %wt/wt        |
|--------------|---------------------------------------|--|--------------------------|---------------|
| A.           | Deionized Water                       | Water  | -----                    | q.s.          |
|              | Versene® Na2 Crystals Chelating Agent | Disodium EDTA                                | The Dow Chemical Co.     | 0.10          |
|              | Pemulen® TR-1 Polymer                 | Acrylates/C10-30 Alkyl Acrylate Crosspolymer | The Lubrizol Corporation | 0.30          |
|              | Glycerin 99.7% USP Kosher             | Glycerin                                     | Acme-Hardesty Co.        | 6.00          |
| B.           | <b>Floramac Macadamia Oil Refined</b> | <b>Macadamia Integrifolia Seed Oil</b>       | <b>Floratech</b>         | <b>9.00</b>   |
|              | Florasolvs® PEG-16 Macadamia          | PEG-16 Macadamia Glycerides                  | The HallStar Company     | 1.00          |
|              | Ceraphyl 847                          | Octyldodecyl Stearoylstearate                | Ashland                  | 3.00          |
|              | Brij® O10                             | Oleth 10                                     | Croda International      | 0.40          |
| C.           | AMP-95®                               | Aminomethyl Propanol                         | Angus Chemical Company   | 0.10          |
|              | Preservative                          | -----  | -----                    | q.s.          |
|              | Fragrance                             | -----  | -----                    | q.s.          |
| <b>Total</b> |                                       |  |                          | <b>100.00</b> |

## Mixing Procedure

1. Heat the deionized water to 75°C. Mix the Versene Na2 Crystals Chelating Agent into the deionized water. With rapid propeller agitation, add the Pemulen TR-1 Polymer to the deionized water and stir until fully hydrated. Add the remaining ingredient of Phase A.
2. Mix and heat ingredients of Phase B to 75-80°C. Add Phase B to Phase A with rapid propeller agitation.
3. Start cooling to 40°C.
4. Add Phase C to Phase AB at 40°C. Continue mixing and reduce heat to room temperature.

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)