

Prototype
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AJINOMOTO[®]

Amino Light Moisturizer – Cold Process ***ASC 30-60***

Ajinomoto North America Inc.
4105 Poole Road Raleigh, NC 27610
Tel: 201-292-3208

This Amino Acids based facial moisturizer is made at room temperature and contains active materials that moisturize and repair the skin while leaving a soft and conditioning after-feel. It is quick drying and absorbs well into the skin without leaving any greasy after feel

| | Trade Name | Supplier | INCI Name | % w/w | Function (in Formula / on Skin) |
|----|-----------------------------|----------------------------|--|-----------------|--|
| A. | Sweet Almond Oil | | Prunus Dulcis (Almond) Oil | 4.00 | Natural oil / Moisturization |
| | Grapeseed Oil | | Vitis Vinifera (Grape) Seed Oil | 4.00 | Natural oil / Moisturization |
| | Liponate IPP | Lipo Chemicals | Isopropyl Palmitate | 4.00 | Emollient / Conditioning |
| | Schercemol 185 Ester | Lubrizol | Isostearyl Neopentanoate | 4.00 | Emollient |
| | ELDEW PS-203R | Ajinomoto N.A., Inc | Phytosteryl/Octyldodecyl Lauroyl Glutamate | 3.00 | Emollient / Moisturization |
| | ELDEW SL-205 | Ajinomoto N.A., Inc | Isopropyl Lauroyl Sarcosinate | 10.00 | Light emollient ester / Moisturization |
| | AMIHOPE LL | Ajinomoto N.A., Inc | Lauroyl Lysine | 5.00 | Glide and lubricity / Silky after-feel |
| | Vitamin E | | Tocopherol | 0.50 | Anti-oxidant |
| B. | Deionized Water | | Aqua | to100.00 | Water phase |
| | Vanzan NF-C | RT Vanderbuilt | Xanthan Gum | 0.50 | Stability, viscosity control |
| | AJIDEW ZN-100 | Ajinomoto N.A., Inc | Zinc PCA | 1.00 | Sebum controller, Anti-aging |
| C. | AMISOFT HS-11P | Ajinomoto N.A., Inc | Sodium Stearoyl Glutamate | 3.00 | Emulsifier |
| D. | Preservative | | | q.s. | |
| E. | Fragrance (Aloe and Clover) | | | 0.20 | Fragrance |
| F. | Sodium Hydroxide | | Sodium Hydroxide | To pH 5.5 ± 0.2 | pH adjuster |
| | | | | 100.00 | |

Procedure: Charge batch vessel with water, slowly add Xanthan Gum, begin controlled propeller mixing at room temperature until hydrated. Add Ajidew ZN-100 gradually and mix. Add Phase C, then slowly add Phase A. Allow to mix for 20 minutes. Add Phase D and E. Adjust pH to 5.5 +/- 0.2 with 5.0% NaOH solution

Appearance: White Light Cream

Viscosity: 38,060 mPa·s @ 0.6 rpm, spindle #3, 25 °C, 30 sec.

pH (final): 5.5 ± 0.2