L22 Day Cream builds upon the proven long-acting skin moisturization synergy observed with the combination of Floraesters® K-20W Jojoba and glycerin (ref. CS09-014). This cream is fortified with L22, Floratech’s new and patented emollient base, developed to be the botanical equivalent of the skin lipid profile of a healthy 22-year-old. The formula includes two sunscreen actives and a sunscreen booster. The high slip and easy spreadability of the L22 Day Cream make for fast and easy application; quickly absorbing into the skin, leaving it soft and supple.  

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 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)

### Mixing Procedure

1. Mix Phase A with moderate propeller agitation at room temperature. Heat the Phase to 70-75°C.
2. Mix Phase B at 70-75°C. Add Phase B to Phase A with moderate propeller agitation at 70-75°C.
3. Mix the deionized water, Glycerine 99.7% USP Kosher, and Floraesters K-20W Jojoba of Phase C in a separate vessel with moderate propeller agitation at 70-75°C. Slowly add the Aristoflex AVC to make a gel.
4. In a separate vessel, heat the deionized water of Phase D at 70-75°C. Add the Natrosol 250 HR CS into the deionized water with moderate propeller agitation at 70-75°C.
5. Slowly add Phase D to Phase C with moderate propeller agitation at 70-75°C.
6. Slowly add Phase AB to Phase CD with rapid to moderate propeller agitation at 70-75°C. Mix until uniform.
7. Start cooling. Add Phase E into Phase ABCD at 40-45°C.
8. Continue cooling the mixture to room temperature.

### Typical Properties

- **pH:** 5 - 7
- **Viscosity:** 116 - 200kcp

### Phase A

**Trade/ common name:** Floramac 10  
**INCI Name:** Ethyl Macadamiate  
**Manufacturer:** Floratech  
**%wt/wt:** 1.00  
**Univul® MC80**  
**Hydresia® SF-2**

### Phase B

**Trade/ common name:** L22  
**INCI Name:** Jojoba Oil/Macadamia Seed Oil Esters (and) Squalene (and) Phytosteryl Macadamiate (and) Phytosterols (and) Tocopherol  
**Manufacturer:** Floratech  
**%wt/wt:** 5.00

### Phase C

**Trade/ common name:** Deionized Water  
**INCI Name:** Butyl Methoxydibenzoylmethane  
**Manufacturer:** EMD Chemicals, Inc.  
**%wt/wt:** 0.50

### Phase D

**Trade/ common name:** Deionized Water  
**INCI Name:** Acrylamidomethyl Taurate/ VP Copolymer  
**Manufacturer:** Clariant Corporation  
**%wt/wt:** 1.00

### Phase E

**Trade/ common name:** AMP-Ultra® PC 2000, Neutralizing Amine (10% Solution)  
**INCI Name:** Aminomethyl Propanol (and) Water  
**Manufacturer:** Angus Chemical Company  
**%wt/wt:** q.s.