



## Cold Process Lotion (SLI-062)

Cold process emulsions have gained popularity as a means of decreasing energy, production time, and prices. It is regarded as an environmentally friendly production technology that improves the sustainability of a cosmetic emulsion while considerably lowering the carbon footprint.

| Phase | Ingredient   | INCI   | % w/w       | Function                   |
|-------|--|--|-------------|----------------------------|
| A     | Water demin.   | AQUA   | 74.50       |                            |
|       | <b>SHARON AQUAVITA® 90</b><br>(Sharon Personal Care)         | <b>NIACINAMIDE, GLYCERYL CAPRYLATE, DECYLENE GLYCOL</b>                        | <b>3.00</b> | <b>Preservative</b>        |
|       | <b>XG-QUICK-T</b><br>(Ningxia Top Hydrocolloids Co., Ltd.)   | XANTHAN GUM  | 1.00        | Thickener                  |
| B     | <b>EMULPHARMA® MIMESIS RSPO MB</b><br>(Sharon Personal Care) | <b>GLYCERIN, POLYGLYCERYL-3 COCOATE, HYDROGENATED LECITHIN, LECITHIN, AQUA</b> | <b>3.00</b> | <b>Emulsifier</b>          |
|       | <b>Gilsolide® ECN</b><br>(GILAS sas)                         | <b>POLYGLYCERYL-4 OLEATE, GLYCERYL OLEATE, C13-14 ALKANE</b>                   | <b>7.00</b> | <b>Emollient</b>           |
|       | <b>Cherry Seed Oil</b><br>(Kern Tec GmbH)                    | <b>PRUNUS CERASUS SEED OIL</b>   | <b>4.00</b> | <b>Emollient</b>           |
|       | <b>CORN PO4 PH B</b><br>(AGRANA Stärke)                      | <b>DISTARCH PHOSPHATE</b>  | <b>3.00</b> | <b>Sensory Enhancement</b> |
|       | <b>LIPESTROL G-810</b>                                       | <b>CAPRYLIC/CAPRIC TRIGLYCERIDE</b>  | <b>4.00</b> | <b>Emollient</b>           |
|       | <b>PARFÜMÖL CULTURAL LEGACY</b><br>(Frey + Lau GmbH)         | <b>PARFUM</b>  | <b>0.50</b> | <b>Perfume</b>             |



## Cold Process Lotion (SLI-062)

Cold process emulsions have gained popularity as a means of decreasing energy, production time, and prices. It is regarded as an environmentally friendly production technology that improves the sustainability of a cosmetic emulsion while considerably lowering the carbon footprint.

| Specification:  | Procedure:  |
|---|---|
| Appearance: White lotion  |   |
| pH-value: 5.20 – 5.80   | I. Mix the components of phase A while stirring.                  |
| Viscosity: approx. 10000 mPas<br>(IKA Rotavisc me-vi, SP9,<br>5rpm, 20°C) | II. Mix the components of phase B while stirring.                 |
| Stability: Stable for 3 months at 4°C,<br>20°C, 40°C, 1 month at 45°C     | III. Add phase B to phase A and homogenize for 5 –<br>10 minutes. |

### Raw Material Insights

#### EMULPHARMA® MIMESIS RSPO MB

➤ Multitasking emulsifier able to form skin-like structures. A real carrier for active ingredients.

#### SHARON AQUAVITA® 90

➤ first vitamin-based multifunctional preservation system resulting from the search for new synergies.

#### Cherry Seed Oil

➤ 100% upcycled ingredient. Fast-absorbing, vitamin rich oil ideal for dry, irritated or aging skin.

#### Gilsolide® ECN

➤ Mix of vegetable components with similar properties to silicon oil, Squalane and light esters.

## SLI Chemicals GmbH

Insterburger Str. 7, 60487 Frankfurt/M. (Germany) ☎ +49 (0) 69 74 74 28 0 ✉ [labor@slchemicals.com](mailto:labor@slchemicals.com) 🌐 [www.slchemicals.com](http://www.slchemicals.com)

This information is based on the information provided by our suppliers and the current state of our knowledge and is intended to provide information about the products of our suppliers and their possible applications. They do not have the meaning to guarantee certain properties of the products or their suitability for a specific application. Any existing industrial property rights must be observed.

Diese Angaben basieren auf Informationen unserer Lieferanten sowie unserem aktuellen Stand unserer Kenntnisse und sollen über die Produkte unserer Lieferanten und deren Anwendungsmöglichkeiten informieren. Sie sichern keine bestimmte Eigenschaften der Produkte oder deren Eignung für einen konkreten Einsatzzweck zu. Etwa bestehende gewerbliche Schutzrechte sind zu berücksichtigen.