

Soft Butter Featuring:
 Silsoft* E-Pearl PMF emulsion

SKIN CARE



Silsoft E-Pearl PMF emulsion helps provide excellent moisturizing benefits in butters like the one below. In addition, it helps contribute a non-tacky, powdery sensory feel.

| Phase | Ingredients | INCI Name | Wt (%) |
|---|---|--|-----------|
| A | Water | Aqua | qs to 100 |
| | Structure ¹ XL starch ² | Hydroxypropyl Starch Phosphate | 1.50 |
| | Glycerin | Glycerin | 3.00 |
| | Disodium EDTA | Disodium EDTA | 0.05 |
| B | Oliv em ¹ 1000 ³ | Cetearyl Oliv ate (and) Sorbitan Oliv ate | 4.0 |
| | Oliv em VS Feel ³ | Cetearyl Alcohol (and) Cetyl Palmitate (and) Sorbitan Palmitate (and) Sorbitan Oleate | 3.0 |
| | Crodamol ¹ ML ⁴ | Myristyl Lactate | 5.50 |
| | Stimu-Tex ¹ AS ⁵ | Butyrospermum Parkii (Shea) Butter Extract (and) Argania Spinosa Kernel Oil (and) Spent Grain Wax (and) Tocopherol | 2.50 |
| | Shea Butter | Butyrospermum Parkii (Shea Butter) | 5.0 |
| | Apricot Kernel Oil | Apricot Kernel Oil | 4.0 |
| | Arlamol ¹ PS15E-LQ ⁴ | PPG-15 Stearyl Ether | 4.0 |
| | Crodamol SSA ⁴ | Decyl Isostearate (and) Isostearyl Isostearate | 4.0 |
| | BHT | BHT | 0.1 |
| | SF 1202 ¹ | Cyclopentasiloxane | 5.0 |
| | SF 1550 ¹ | Phenyl Trimethicone | 3.0 |
| Element 14* PDMS 350 fluid ¹ | Dimethicone | 3.0 | |
| C | Silsoft E-Pearl PMF emulsion¹ | Water (and) Polymethylsilsesquioxane (and) Dimethicone (and) Isohexadecane (and) Cetearyl Methicone (and) PEG-40 Stearate (and) Steareth-2 (and) Steareth-21 | 5.00 |
| D | Preservative | | as needed |
| | Fragrance | | as needed |

Procedure:

- Mix all the ingredients of water phase A, heat to 75°C.
- Mix all the ingredients of phase B, heat to 70°C.
- Add B to phase A with intensive stirring and homogenize (Ultra Turrax¹ - 9500 rpm).
- Add the ingredients of phase C and mix until uniform. Cool to room temperature.
- Add preservative and fragrance as desired.

Typical Physical Properties:

| | |
|-------------|-------------------|
| Appearance: | White cream |
| pH: | 6.0 - 7.0 |
| Viscosity: | 15000 - 20000 cPs |
| Stability: | 3 months/45°C |

Typical properties are average test data, may vary and are not to be used as or to develop specifications.

*Trademark of Momentive Performance Materials Inc. or its affiliates.

¹Trademarks of their respective owners.

Soft Butter

Featuring: Silsoft* E-Pearl PMF emulsion

SKIN CARE

Suppliers:

1. Momentive Performance Materials
2. AkzoNobel Personal Care
3. Hallstar
4. Croda International Plc
5. DSM Nutritional Products

Worldwide

4information@momentive.com
T +1 614 986 2495
T +1 800 295 2392

North America

Silicones
T +1 800 332 3390

Consumer Sealants/
Construction Sealants
and Adhesives
T +1 877 943 7325

Latin America

South America
T +55 11 4534 9650

Mexico and Central America
T +52 55 2169 7670

Europe, Middle East, Africa and India

T +00 800 4321 1000
T +40 21 3111848

Pacific

China
T +800 820 0202
T +86 21 3860 4892

Japan
T +0120 975 400
T +81 276 20 6182

Korea
T +82 2 6201 4600

Malaysia
T +60 3 9206 1532

Important Information and Disclaimers

FORMULATIONS ARE ILLUSTRATIVE EXAMPLES AND DO NOT REPRESENT COMMERCIALIZED PRODUCTS. They have not been subjected to extensive testing and Momentive makes no representation or warranty of any kind with regard to any such formulations, including, without limitation, concerning the performance, efficacy or safety of any product manufactured using such formulations. **EACH USER BEARS FULL RESPONSIBILITY FOR (1) MAKING ITS OWN DETERMINATION AS TO THE SUITABILITY AND LEGAL COMPLIANCE OF ANY FORMULATION, MATERIALS, RECOMMENDATIONS, OR ADVICE FOR ITS OWN PARTICULAR USE, (2) IDENTIFYING AND PERFORMING ALL TESTS AND ANALYSES NECESSARY TO ASSURE THAT ITS FINISHED PRODUCTS BASED UPON EXAMPLE FORMULATIONS AND/OR INCORPORATING MENTIONED PRODUCTS, MATERIALS, OR SERVICES WILL BE SAFE AND SUITABLE FOR USE UNDER END-USE CONDITIONS, AND (3) OBTAINING ANY NECESSARY GOVERNMENT OR REGULATORY CLEARANCE, LICENSE OR REGISTRATION.**

Any reference to a third party's materials is not an endorsement of those materials or an endorsement by the third party of Momentive materials. Momentive has not undertaken a patent or other intellectual property search on the formulations. No statement contained herein concerning a possible or suggested use of any material, product, service or design is intended, or should be construed, to grant any license under any patent or other intellectual property right covering such use or design, or as a recommendation for the use of such material, product, service or design in the infringement of any patent or other intellectual property right.

BEFORE HANDLING ANY PRODUCTS MENTIONED, REVIEW THE LATEST SAFETY DATA SHEET (SDS) AND LABEL FOR PRODUCT SAFETY INFORMATION, SAFE HANDLING INSTRUCTIONS, PERSONAL PROTECTIVE EQUIPMENT IF NECESSARY, EMERGENCY SERVICE CONTACT INFORMATION, AND ANY SPECIAL STORAGE CONDITIONS REQUIRED FOR SAFETY. MOMENTIVE MAINTAINS AN AROUND-THE-CLOCK EMERGENCY SERVICE FOR ITS PRODUCTS. SDS FOR MOMENTIVE PRODUCTS ARE AVAILABLE AT WWW.MOMENTIVE.COM OR, UPON REQUEST, FROM ANY MOMENTIVE REPRESENTATIVE. USE OF OTHER MATERIALS IN CONJUNCTION WITH MOMENTIVE PRODUCTS MAY REQUIRE ADDITIONAL PRECAUTIONS. PLEASE REVIEW AND FOLLOW THE SAFETY INFORMATION PROVIDED BY THE MANUFACTURER OF SUCH OTHER MATERIALS.

THE MATERIALS, PRODUCTS AND SERVICES OF MOMENTIVE PERFORMANCE MATERIALS INC. AND ITS SUBSIDIARIES AND AFFILIATES (COLLECTIVELY "SUPPLIER"), ARE SOLD SUBJECT TO SUPPLIER'S STANDARD CONDITIONS OF SALE, WHICH ARE INCLUDED IN THE APPLICABLE DISTRIBUTOR OR OTHER SALES AGREEMENT, PRINTED ON THE BACK OF ORDER ACKNOWLEDGMENTS AND INVOICES, AND AVAILABLE UPON REQUEST. EXCEPT AS PROVIDED IN SUPPLIER'S STANDARD CONDITIONS OF SALE, SUPPLIER AND ITS REPRESENTATIVES SHALL IN NO EVENT BE RESPONSIBLE FOR ANY LOSS RESULTING FROM ANY USE OF ITS MATERIALS, PRODUCTS OR SERVICES DESCRIBED HEREIN. Nothing in this or any other document, nor any oral recommendation or advice, shall be deemed to alter, vary, supersede, or waive any provision of Supplier's standard Conditions of Sale or this Disclaimer, unless any such modification is specifically agreed to in a writing signed by Supplier.

*Trademark of Momentive Performance Materials Inc. or its affiliates.

Momentive and the Momentive logo are trademarks of Momentive Performance Materials Inc.

All trademarks other than those owned by Momentive Performance Materials Inc. or its affiliates are owned by their respective owners.

Copyright 2017 Momentive Performance Materials Inc. All rights reserved.

Revised: March 2017

SC7023