

for Use External

Name **ABRACADA' BAR - SOLID CONDITIONER** No. 1369 Description A trusty counterpart to the increasingly popular shampoo bar, this solid conditioner bar is silicone free, and is flower-powered by STEPANQUAT® Soleil: a naturally derived conditioning agent we make from non-GMO sunflower oil. Formulation **INGREDIENTS:** % by Weight Functionality === Phase 1 === Butyrospermum Parkii (Shea) Butter 3.5 Emollient Sunflower Seed Wax (Kahl GmbH & Co. K.G.) Ascorbyl 2.0 Viscosity Modifier Palmitate (and) Tocopherol 23.0 Carrier 7.4 Viscosity Builder Stearyl Alcohol 4.0 Emollient STEPAN-MILD® GCC/MB **NEOBEE® M-5 COSMETIC** 6.0 Emollient Helianthus Annuus (Sunflower) Seed Oil === Phase 2 === STEPANQUAT® Soleil 14.0 Conditioning Agent Sisterna SP70-C (Sisterna B.V.) Sucrose Stearate 8.0 Feel Enhancer NATIVACARE™ 8600 (Ingredion) Oryza Sativa (Rice) Starch 25.0 Viscosity Modifier ORAMIX™ NS 10 (SEPPIC SA) Decyl Glucoside 8.0 Cleansing/Skin Feel === Phase 3 === Lactic Acid q.s. pH Adjuster Fragrance 0.1 Fragrance Total 100.0 Procedure 1. Add all ingredients in Phase 1 in the order noted above and heat with mixing to 80°C (176°F) to 2. Add each ingredient in Phase 2 to phase 1 in the order noted above with mixing. Increase the mixing speed to ensure proper dispersion. 3. Cool the batch to 60°C (140°F) immediately in order to avoid excess evaporation of water. 4. Adjust pH with Lactic Acid to 3.5 to 4.0. 5. Add Fragrance at 60°C (140°F) and pour batch into silicone molds. 6. Once completely cooled and solidified, remove the solid bars from the mold. Physical Appearance, as is White, smooth solid **Properties** pH, as is 3.5 - 4.0Storage/ 4 weeks at 20°C Stable Stability 4 weeks at 45°C Stable 4 weeks at 5°C Stable Instructions Apply to washed hair and rinse.

Comment

Marketing Notes: BCI = 93. Total Biorenewable Carbon Index (BCI) was calculated only for the Stepan surfactants used in this formulation. Other non-Stepan ingredients were not evaluated. For further information on Stepan's BCI, visit www.stepan.com. A dye can be added to color the conditioner bar.

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For Additional Assistance For applications or product handling assistance, call our Technical Service Department at 1-800-745-7837 (U.S.) or +33 476 505 100 (Europe).

For ordering assistance, call our Account Service Department at 1-800-457-7673.

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