

Formulation

Name	THE KID-AT-HEART COLLECTION: BATH BOMB		
No.	1415		
Description	A classic “base” recipe ready for your customizations and creativity. This bath bomb formulation delivers foaming power from LATHANOL® LAL Powder, a naturally derived, sulfate-free cleanser.		
Formulation	<div>INGREDIENTS:</div> <div><div><div>=== Phase 1 ===</div><div>Sodium Bicarbonate</div><div>Citric Acid</div><div>Arrowroot Starch</div><div>LATHANOL® LAL POWDER</div></div><div><div>52.65</div><div>Fizzing Agent</div></div><div><div>26.35</div><div>Fizzing Agent</div></div><div><div>11.42</div><div>Binder</div></div><div><div>2.59</div><div>Cleansing Agent</div></div></div> <div><div>=== Phase 2 ===</div><div>AMPHOSOL® HCA-HP</div><div>Polysorbate 20</div><div>#075000 Dove Men Extra Fresh Type (Chemia Corporation)</div></div> <div><div>0.85</div><div>Foam Booster</div></div> <div><div>2.59</div><div>Solubilizer</div></div> <div><div>3.45</div><div>Fragrance</div></div> <div><div>=== Phase 3 ===</div><div>Colorant</div></div> <div><div></div><div>q.s. Additives</div></div> <div><div>Total</div><div>100.0</div></div>		
Procedure	<div><div>1. Charge Phase A ingredients to a Hobart mixer with a multi-purpose blade (with a Hobart Mixer) and begin slow mixing. Note: Batch will be dusty. Use proper safety masks and have proper ventilation available.</div><div>2. Pre-mix Phase B ingredients together in separate vessel until clear.</div><div>3. Slowly add premix to main batch with slow mixing to ensure even distribution. Consistency should be similar to moist sand.</div><div>4. If desired, add colorant and continue mixing until uniform.</div><div>5. Compress contents into molds and allow to set for at least 24 hours at ambient temperature.</div></div>		
Physical Properties	<div>Appearance, as is</div> <div>pH, 10% aqueous</div>	<div>White, granular powder</div> <div>6.8 - 7.3 (Target: 7.0)</div>	
Storage/ Stability	<div>3 months at Room Temperature</div> <div>3 months at 40°C</div> <div>3 months at 5°C</div>	<div>Stable</div> <div>Stable</div> <div>Stable</div>	
Instructions for Use	Add bath bomb to water and allow product to foam. Ensure that container is not filled to the top with water as significant foaming occurs.		
External Comment	Marketing Notes: Ingredient List - Sodium Bicarbonate, Citric Acid, Maranta Arundinacea Root (Arrowroot) Powder, Polysorbate 20, Sodium Lauryl Sulfoacetate, Cocamidopropyl Betaine, Fragrance, Colorant. Natural Origin Content is 93%. The Natural Origin Content refers to the Natural Origin Index (NOI) as outlined in ISO 16128. This calculation is based on biorenewable		

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carbon content for the specific ingredients used in Stepan's laboratories and includes balance formulation water, but excludes enhancers such as fragrance and dye.

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