

## 2031 - Kids Shea Butter Cream

Weight: 100.00g

Ingredient	INCI	Function	Percent	Wgt (g)	Wgt (oz)
<b>Phase A</b>					
Distilled Water	Aqua/Water	Diluent	63.10	63.10	2.23
Glycerin	Glycerin	Humectant	4.00	4.00	0.14
Propylene Glycol	Propylene Glycol	Humectant	4.00	4.00	0.14
Acrylates Copolymer FLUID	Water, Acrylates copolymer	Film Former	5.00	5.00	0.18
Sodium Gluconate	Sodium Gluconate	Stabilizer	0.10	0.10	0.00
<b>Phase B</b>					
Dimethicone & Polysilicone-11	Dimethicone, polysilicone-11	Emollient	1.50	1.50	0.05
Triglyceride Blend	Caprylic/capric/myristic/stearic triglyceride	Emollient	5.00	5.00	0.18
CreamMaker® BLEND	Glyceryl stearate, PEG-100 stearate	Emulsifier	3.00	3.00	0.11
Isopropyl Myristate	Isopropyl myristate	Emollient	3.00	3.00	0.11
Stearic Acid	Stearic acid	Emulsifier	2.70	2.70	0.10
Microcrystalline Wax Pastilles	Microcrystalline wax	Thickener	5.00	5.00	0.18
Shea Butter, USDA Certified Organic	Organic Butyrospermum parkii (shea) butter	Emollient	2.00	2.00	0.07
<b>Phase C</b>					
Vitamin E Tocopherol Natural	Tocopherol	Anti-oxidant	0.50	0.50	0.02
Creme-de-Coco	Fragrance	Fragrance	0.10	0.10	0.00
Hexanediol CG	1,2-hexanediol, caprylyl glycol	Anti-microbial Agent	1.00	1.00	0.04
Citric Acid	Citric Acid	Acidulent / Optional	0.01	0.01	0.00

### Procedure

1. Weigh phase A and Phase B ingredients in different beakers.
  2. Heat both phases to 70-75 degree celsius.
  3. Add phase A to phase B and mix the phases, with a stirrer or using a spatula. Remove from the heat and homogenize shortly, cool to 50 degrees celsius, and continue to blend at low rpm.
  4. Add Phase C and blend with the stirrer until Vitamin E is fully integrated.
  5. Add fragrance, less is more, and adjust if necessary.
  6. Measure the pH of the product after the product attains viscosity. If needed adjust with citric acid to pH 5.5-6. Due to the natural preservation, package into tubes or dispensers to avoiding contamination.
- Our test: pH 6.3

### Properties

Kids cream with moisturizing properties due to shea butter and emollients. Keeping the skin soft for an extended time.

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