


TITLE: NATURAL BABY DIAPER CREAM

FORMULATION #015-049

Ingredient	Product Type	Market Focus	Function	Skin Types	Method	Snap Shot
	Cream	Infants	Protect/Prevent Repair	All	Modified Cold Process	Natural diaper cream that provides hydration

Key Ingredients		
Trade Name	INCI Name	Wt%
PHASE A		
Zinc Oxide USP (Brenntag)	Zinc Oxide	25.00
Castor Oil	Ricinus Communis (Castor) Seed Oil	20.00
Jjoba Oil (BioChemica)	Simmondsia Chinesis Seed Oil	18.00
PHASE B		
Natural Yellow Beeswax (Strahl & Pitsch)	Beeswax	15.00
Shea Butter (Biochemica)	Butyrospermum Parkii Oil	2.00
Castor Oil	Ricinus Communis (Castor) Seed Oil	9.95
PHASE C		
Hydresia® SF2 (Botaneco)	Carthamus Tinctorius (Safflower) Oleosomes + Water	7.00
Aloe Vera Oil (Biochemica)	Aloe Barbadensis Leaf Extract	1.00
Natural Vitamin E (Biochemica)	Tocopherol	1.00
Tee Tree Oil (Arista)	Malaleuca Alternifolia (Tee Tree) Leaf Oil	
Lavender Oil (The Chemistry Store)	Lavandula Angustifolia (Lavender) Oil	1.00
PHASE D		
Preservative		QS

Procedure
<ol style="list-style-type: none"> 1. Homogenize Phase A for one hour or until dispersed while heating to 80C. Hold heat and continue mixing. 2. Heat Phase B to 80C while stirring under propeller blade on low speed. Hold heat. 3. Combine Phase A and B and homogenize at 80C until uniform. Cool under homogenizer to 55C. Switch to paddle blade, sweep on low - medium speed while cooling batch to 25- 30C. 4. Premix Phase C under propeller for 20 minutes at 300 rpm. 5. Under paddle blade, add Phase C to Phase AB and mix until smooth and uniform. 6. Continue mixing to room temperature. 7. Add Phase D if necessary. Adjust pH if necessary. <p>SPECIFICATIONS Viscosity RVTC/2 = cps pH 7.0</p>

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