

## Natural Baby Diaper Care

L041-17.9-0110

**Claims:** Nourishing skin and barrier cream  
Protection of baby's skin from distressing diaper rash  
With natural flower extracts and Zinc Oxide  
Perfume free



Phase	Ingredient	INCI	Supplier	%
A	Deionised Water	Aqua		44.80
	Zinksulfate Heptahydrate	Zinc Sulfate	Merck	1.00
	Sodium Hydroxide (sol. 10%)	Sodium Hydroxide	Merck	q. s.
B	<b>symbio<sup>®</sup> muls WO</b>	Polyglyceryl-3 Polyricinoleate; Sorbitan Sesquioleate; Cetyl Ricinoleate; Glyceryl Caprate; Cera Alba; Magnesium Stearate; Aluminum Tristearate	<b>Dr.Straetmans</b>	<b>9.00</b>
	Almond Oil, refined	Prunus Amygdalus Dulcis (Sweet Almond) Oil	Gustav Heess	10.00
	Sesame oil, refined	Sesamum Indicum (Sesame) Seed Oil	Gustav Heess	10.00
	Pharmalan	Lanolin	Croda	2.00
	Beeswax 8104	Cera Alba	Kahl & Co	2.00
	Cremerlin pura	Olus (Vegetable) Oil	Cremer Care	10.00
	<b>dermofeel<sup>®</sup> Toco 70 non-GMO</b>	Tocopherol, Helianthus Annuus (Sunflower) Seed Oil	<b>Dr.Straetmans</b>	<b>0.20</b>
B1	Emprove <sup>®</sup> Zinkoxid	Zink oxide	Merck	10.00
C	Camomile Extract	Helianthus Annuus Seed Oil, Chamomilla Recutita Flower Extract	Botanica	0.50
	Calendula Extract	Helianthus Annuus Seed Oil, Calendula Officinalis Flower Extract	Botanica	0.50
				<b>100.00</b>

### Manufacturing Procedure:

- Mix phase A and heat up to 80 °C. Adjust pH value if necessary.
- Mix phase B and heat up to 80 °C. Add B1 and verify the complete dispersion of pigments.
- Emulsify phase A slowly into phase B under stirring. Homogenize for approx. 1 min. using an Ultra Turrax
- Start to cool down under medium stirring. Add C below 40 °C. and cool down to room temperature.

### Specification Values:

Appearance: white viscous cream.

pH-value: 5.2 – 5.4.

Viscosity (Brookfield: Helipath TF; Speed 10): Approx 90.000 - 100.000 mPa·s.

Centrifugation (15 min., 4.000 rpm): No separation.

**Stability:** More than 3 months stable at 20 °C, 40 °C and 4 °C.

**Microbiological Stability:** Proven

### Disclaimer:

The information contained herein is meant to demonstrate how our products can be used. The given data are suggestions without any guarantee aimed to support customers' development. As production conditions at our customers' facilities are beyond our control we refuse to accept any liability involved in the use of our products. Please observe possible third party patent rights.