

# HAPPY BARRIER CREAM

100.90.1.1

HYDRATING. NOURISHING. SKIN BARRIER  
ENHANCING.

**Alternative preservation: Cosphaderm® Absolute, Cosphaderm® GMCY,  
Cosphaderm® Magnolia Extract 98**

Cosphatec

ALL NATURAL  
INGREDIENTS

Phase	Ingredient	COSMOS	INCI	Supplier	%
A	Demin. Water		Aqua	-	53.70
A	<a href="#">Cosphaderm® X soft</a>	✓	Xanthan Gum	Cosphatec GmbH	0.60
B	Cosphaderm® Absolute	✓	Propanediol, Sodium Lactate, Betaine, Aqua	Cosphatec GmbH	20.00
C	<a href="#">Cosphaderm® SF-75H</a>	✓	Hydrogenated Lecithin	Cosphatec GmbH	1.00
D	<a href="#">Cosphaderm® GS Connect</a>	✓	Glyceryl Stearate Citrate	Cosphatec GmbH	2.00
D	Lanette® O		Cetearyl Alcohol	BASF SE	2.00
D	Behenyl Alcohol		Behenyl Alcohol	-	2.50
D	Shea Butter refined		Butyrospermum Parkii Butter	Gustav Heess GmbH	5.00
D	<a href="#">Cosphaderm® GMCY</a>	✓	Glyceryl Caprylate	Cosphatec GmbH	0.30
D	Jojoba Oil		Simmondsia Chinensis Seed Oil	Gustav Heess GmbH	3.50
D	MCT Oil Typ V Ph. Eur.		Caprylic/Capric Triglyceride	Gustav Heess GmbH	5.00
D	Squalane		Squalane	-	4.00
D	<a href="#">Cosphaderm® T-70 NON GMO ECO</a>	✓	Tocopherol, Helianthus Annuus Seed Oil	Cosphatec GmbH	0.20
E	<a href="#">Cosphaderm® Magnolia Extract 98</a>	✓	Magnolia Officinalis Bark Extract	Cosphatec GmbH	0.20

## MANUFACTURING PROCESS

Phase A: Combine all ingredients of phase A and stir until everything is completely dissolved.

Phase B: Add phase B to A while stirring.

Phase C: Add phase C to the water phase while stirring. Then heat the water phase to 70-75 °C.

Phase D: Combine all ingredients of phase D and heat to 75°C. Phase E is added to the oil phase just before emulsion is formed.

Add phase D+E to the water phase while stirring. Homogenise at 40°C.

Adjust the pH to 5.5 ± 0.05.

## SPECIFICATION

Appearance: Light beige, high viscous cream

pH: 5.5 ± 0.05

Stability: No separation after centrifugation (4000 rpm, 30 min), stable for 3 months at room temperature and 40 °C

Microbiological stability: proven

Disclaimer: This formulation proposal and our technical application advice are given to the best of our knowledge, but it is for information purposes only and no responsibility is assumed.