

# RICH AND CARING O/W CREAM

ST 05/17-1

PHASE	INGREDIENTS	% W/W
A	dermofeel® NC MB (Polyglyceryl-3 Distearate; Glyceryl Stearate Citrate)	4.00
	TEGIN® M Pellets MB (Glyceryl Stearate)	2.00
	Stearyl Alcohol	1.00
	TEGOSOFT® P (Isopropyl Palmitate )	12.00
	TEGOSOFT® CT (Caprylic/Capric Triglyceride )	15.00
	TEGOSOFT® OER MB (Oleyl Erucate)	5.00
	Prunus Amygdalus Dulcis (Sweet Almond) Oil	10.00
B	Water	44.00
	Glycerin	2.00
C	Keltrol CG-SFT (Xanthan Gum)	0.20
	Glycerin	1.00
	Water	2.80
D	Sodium Hydroxide (10 % in water)	0.20
Z	Preservative	q.s.
	Perfume	q.s.

## Processing

1. Prepare phase C separately by adding the ingredients in the given order.
2. Heat phase A and B separately to 70-75 °C.
3. Add phase A to phase B with stirring. 1)
4. Homogenize.
5. Cool down with stirring to approx. 40°C.
6. Add phase C and stir well.
7. Add phase D and stir well.
8. Add ingredients off phase Z in the given order and stirrer well in between.

9. Adjust the pH value to 5.0 - 5.5.

1) Important: If phase A has to be charged into the vessel first, phase B must be added without stirring.

### Remarks

Emulsion viscosity: 200 Pas (Brookfield RV DV-I, sp. 94, 5 rpm)

Formulation was tested on emulsion stability with 0.80% Benzyl Alcohol, Glycerin, Benzoic Acid, Sorbic Acid (Rokonsal BSB-N; Ashland).

Microbiological safety: challenge test not performed.

#### Disclaimer:

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