



# Mild Sternschanze Shampoo

## Shampoo - Natural Surfactant System

1762-0003-1

PHASE	TRADE NAME	INCI NAME	SUPPLIER	% W/W
A	Water	Aqua	-	67.30
A	Sulfopon® 1216 G	Sodium Coco-Sulfate	BTC Europe GmbH	6.40
A	Dehyton® PK 45	Cocamidopropyl Betaine	BTC Europe GmbH	4.80
A	Plantacare® 818 UP	Coco-Glucoside	BTC Europe GmbH	18.40
A	Sodium Benzoate	Sodium Benzoate	Tilge Robert E.M.	0.30
A	Potassium Sorbate	Potassium Sorbate	Tilge Robert E.M.	0.20
B	<b>Amylomer™ H-Care 05</b>	<b>Starch Hydroxypropyl PG- Trimonium Chloride</b>	<b>Gräfe Chemie GmbH</b>	<b>1.50</b>
C	Citric Acid	Citric Acid	Azelis	1.10

### processing

1. Mix ingredients of phase A step by step in given order and heat up to 60°C.
2. At max. 45 °C mix phase B to phase A.
3. Adjust pH with phase C.
4. If desired: Increase viscosity by adding sodium chloride.

appearance: clear shampoo

pH-value: 4.3 – 4.7

viscosity: ~8000 mPa\*s

stability: proven

microbiological safety challenge test: passed