

Caring Sankt Pauli Shampoo

A clear shampoo with a caring and voluminous foam that provides particularly mild cleansing.
The shampoo gives the hair good grip and a light-care feel.

Shampoo – natural surfactant system 1762-0008				
PHASE	TRADE NAME	INCI NAME	SUPPLIER	% W/W
A	Water	Aqua	-	64.90
A	Sulfopon® 1216 G	Sodium Coco-Sulfate	BTC	6.40
A	Dehyton® PK 45	Cocamidopropyl Betaine	BTC	4.80
A	Plantacare® 818 UP	Coco-Glucoside	BTC	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	Inutec® H25P	Inulin	C.H. Erbslöh	1.00
B	Amylomer™ CAT 531	Starch Hydroxypropyl Trimonium Chloride	Gräfe Chemie	2.00
B	Amylomer™ HA-NI	Sodium Hydroxypropyl Oxidized Starch Succinate	Gräfe Chemie	0.50
C	Citric Acid	Citric Acid	Carl Roth	1.50

Processing

1. Mix ingredients of phase A in given order and heat up to 60 °C until completely dissolved.
2. At max. 45 °C mix ingredients of phase B in given order, until everything is homogeneous.
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: ~11,000 mPa*s (Haake, 22 °C, RV4, 10rpm)
- stability: proven (3 months at room temperature, 4 °C and 40 °C)
- microbiological challenge test: passed