

Rich Altona Shower Gel

A rich and nourishing shower gel with creamy foam and a silky-smooth skin feel.

Shower gel – natural surfactant system 1762-0090-2

PHASE	TRADE NAME	INCI NAME	SUPPLIER	% W/W
A	Water	Aqua	-	38.65
A	Cosphaderm® Sodium LAAS	Sodium Anisate (and) Sodium Levulinate	Cospahtec	1.00
A	Sulfofon® 1216 G	Sodium Coco-Sulfate	BTC	6.00
B	Amisoft® CS-22	Sodium Cocoyl Glutamate (and) Disodium Cocoyl Glutamate	Ajinomoto OmniChem	5.00
B	Plantacare® 818 UP	Coco-Glucoside	BTC	20.00
B	Glycerin 99%	Glycerin	All Organic Treasures	2.00
C	Water	Aqua	-	10.00
C	Amylomer™ CAT 531 AS+	Starch Hydroxypropyl Trimonium Chloride	Gräfe Chemie	3.00
D	Water	Aqua	-	10.00
D	Bio Worlée Aloe IF 200x FD	Aloe Barbadensis Leaf Juice Powder	Worlee	0.05
E	Lamesoft® PO 65	Coco-Glucoside (and) Glyceryl Oleate	BTC	1.00
E	Fragrance: the saint / white wedding	Fragrance	Frey + Lau	0.50
F	Citric Acid	Citric Acid	Caesar & Loretz	q. s.
F	Sodium Chlorid	Sodium Chlorid	Carl Roth	2.00

Processing

1. Mix ingredients of phase A in given order and heat up to 60 °C until completely dissolved.
 2. Add ingredients of phase B in given order to phase A.
 3. Mix phase C, D and E separately together and add in given order to the main mixture.
 4. Adjust pH and viscosity with phase F.
- appearance: clear shower gel
 - pH-value: 4.9 – 5.5
 - viscosity: ~3,000 mPa*s
 - stability: proven (3 months at room temperature, 4 °C and 40 °C)
 - microbiological challenge test: passed