



- Red shower gel
- Packaging: tube
- Association of **PROTEOL™ APL+ Oramix™ CG110 + Oramix™ NS10** generates an important, dense and stable foam over time ; this surfactant system provides excellent mild property.
- **CAPIGEL™ 98** is the thickener in the formula , associated with **Glucamate VLT**, it is very useful to thicken amino acid surfactant system.
- **Aquaxyl™** moisturizes skin while improving the foam quality.


**EP171002-0417**
**Formula**

A	Water	Up to 100%
	Disodium Edta	0.05%
	<b>PROTEOL™ APL</b>	15.00%
	<b>ORAMIX™ CG110</b>	4.00%
	<b>ORAMIX™ NS10</b>	2.50%
	<b>AMONYL™ 380BA</b>	8.00%
	Phenoxyethanol & Ethylhexylglycerin	1.00%
	Benzophenone-4	0.20%
	Peg-7 Glyceryl Cocate	0.50%
	Panthenol	0.50%
Peg-120 Methyl Glucose Trioleate	2.50%	
B	<b>CAPIGEL™ 98</b>	4.50%
	<b>water</b>	10.00%
C	Triethanolamine (50%)	2.00%
	<b>AQUAXYL™</b>	1.50%
	Unicert Yellow 5# (1%)	0.01%
	Unicert Red12# (1%)	0.01%
	Unicert Red17# (1%)	0.05%

**Procedure**
**Lab-Anchor (300g)**

Add water into beaker, then add APL, CG110, NS10, 380BA, mix it uniformly, heat it to 50-60°C, add Escalol 577, VLZ, HE and Dpanthenol, mix it uniformly. Cool down to 40°C, premix phase B, then add phase B into phase A, mix it uniformly. Add phase C one by one, mix it until clear.

**Characteristics**

Appearance	Red shower gel
pH	6.7
Viscosity 1M at RT	4500 cps (Brookfield DV1 S63/V6)
Viscosity 1M at 45° C	270 cps (Brookfield DV1 S63/V6)
Viscosity recovery at RT (after 1M at 45° C)	4000 cps (Brookfield DV1 S63/V6)
Stability*	M1 Stable at RT, 45° C and 4°C Stable after M1 of freeze/thaw cycles -5 / +40° C

**Raw materials from SEPPIC**
**PROTEOL™ APL**
**Sodium Cocoyl Apple Amino Acids**

Fruit surfactant, derived from essential amino-acids present in apple juice, for a gentle approach: unctuous foam, extremely mild to the skin and the eyes and also respectful of the environment.

**ORAMIX™ CG110**
**Caprylyl Capryl Glucoside**

Non ionic surfactant of vegetable origin which provides a fine, abundant foam. Ideal for solubilizing essential oils, fragrances and cationic surfactants in foaming formulas.

**ORAMIX™ NS10**
**Decyl Glucoside**

Very well-tolerated surfactant from vegetal origin, this gentle cleanser provides an abundant and stable foam.

**AMONYL™ 380BA**
**Cocamidopropyl Betaine**

Betaine that provides a fine foam that is stable over time.

**CAPIGEL™ 98**
**Acrylates Copolymer**

Ready-to-use thickening liquid polymer that creates high viscosity in aqueous media following neutralization (pH> 6.5). It also produces perfectly clear gels with a good resistance to electrolytes and polar solvents.

**AQUAXYL™**
**Xylitylglucoside & Anhydroxylitol & Xylitol**

AQUAXYL™ moisturizes and restructures the skin by harmonizing the hydric flow of the skin. Water reserves are instantly boosted, water circulation is improved in all skin layers and water loss is reduced (in vitro and in vivo tests prove this efficacy). It's mechanism of action has been validated by cosmetogenomics. Ecocert and Natrue approved.

**Other raw materials...**

- Phenoxyethanol & Ethylhexylglycerin: **EUXYL PE9010 (S&M)**
- Benzophenone-4: **ESCALOL 577 (ASHLAND)**
- PEG-7 Glyceryl Cocate: **CETIOL HE (BASF)**
- Peg-120 Methyl Glucose Trioleate: **Glucamate VLT (LUBRIZOL)**