

Skin Conditioning Body Wash

Add Itaconix® VELASOFT™ to body washes to deliver skin conditioning and generate superior foam texture and quality. Pearly, high foaming and mild, this luxurious body wash leaves skin with a nice, velvety after-feel.

#	INCI Name, Trade Name	Purpose	%W/W
1	DI Water	Diluent	67.15
2	Phenoxyethanol & Ethylhexylglycerin <i>Euxyl® PE 9010</i>	Preservative	1.00
3	Sodium Polyitaconate <i>Itaconix® VELASOFT™</i>	Skin Conditioner	2.30
4	Sodium Laureth Sulfate, Lauryl Glucoside, Cocamidopropyl Betaine <i>Plantapon® 611 L</i>	Surfactant	25.50
5	Glyceryl Caprylate/Caprates <i>Stepan-Mild® GCC</i>	Thickener	2.05
6	Glycol Distearate+Laureth-4+Cocamidopropyl Betaine <i>Surfasheen 300</i>	Opacifier	2.00
7	Citric Acid	pH Adjuster	q.s.
8	Sodium Chloride	Viscosity Adjuster	q.s.

Product Properties:

Appearance	Pearlized liquid
pH	5.0 – 5.5
Viscosity	5,100 cps

Procedure:

1. Heat water to 50°C and mix to create a vortex.
2. Add Euxyl® (2) and allow to disperse.
3. Add Itaconix® VELASOFT™ (3) mix until dissolved.
4. Turn heat off and add Plantapon® (4) and Stepan-Mild® (5) with mixing.
5. Once temperature is below 30°C, add Surfasheen (6).
6. Once batch is at room temperature, measure pH and adjust to pH 5.0 – 5.5 with Citric Acid (7).
7. Adjust viscosity to target with Sodium Chloride (8).

Supplier References:

Itaconix Corporation (3)	Shulke (2)	BASF (4)
Stepan (5)	Harcros (6)	