

## Ultra-Mild Foaming-Pump Facial Wash

Add 100% bio-based Itaconix® VELASOFT™ to foaming-pump facial washes to improve skin conditioning and generate dense creamy foam with excellent cleansing from an ultra-mild formulation that leaves soft, nourished skin feel.

#	INCI Name, Trade Name	Purpose	%W/W
1	DI Water	Diluent	87.0
2	Decyl Polyglucose	Surfactant	5.0
3	Sodium Cocoyl Isethionate	Surfactant	2.0
4	Myristamidopropyl PG-dimonium Chloride Phosphate <i>Arlasilk™ PTM</i>	Skin Conditioner	2.0
5	<b>Sodium Polyitaconate</b> <b>Itaconix® VELASOFT™</b>	<b>Skin Conditioner</b>	<b>1.0</b>
6	Propanediol <i>Zemea®</i>	Viscosity	2.0
7	Phenoxyethanol	Preservative	1.0

### Product Properties:

Appearance	Clear liquid
pH	6.2
Viscosity	30 cps

### Procedure:

1. Heat water to 50°C and mix to create a vortex.
2. Add surfactants (2, 3) with slow agitation and mix until uniform.
3. Add Arlasilk™ (4) and mix until fully dispersed.
4. Add Itaconix® VELASOFT™ (5) and mix until dissolved.
5. Add Zemea® (6) and Phenoxyethanol (7) and with continued slow agitation.

### Supplier References:

Itaconix Corporation (5)

Croda (4)

DuPont Tate and Lyle (6)