

### **Super Gentle Shower Gel**

Ref: PS3-61

This super gentle shower gel leaves the skin clean and soft to the touch. **BioPlex® Cetylsil® S-PF** significantly reduces any irritation of the surfactant system and provides softness, moisture, and cushion making it suitable for ultra-sensitive skin.

INCI	Trade Name	Supplier	%W/W
<b>Phase A</b>			
D.I Water	D.I. Water		Q.S.
Disodium EDTA	Protechem Na-2-P	Protameen	0.10
Glycerin	Glycerin 99.5%	Protameen	3.00
Sodium C14-16 Olefin Sulfonate	Bio-Terge AS-40 CG-P	Stepan	55.00
Cocamidopropyl Betaine	Amphosol HCG	Stepan	10.00
<b>Phase B</b>			
Sodium Chloride	Sodium Chloride		2.00
<b>Phase C</b>			
Phenoxyethanol, Ethylhexylglycerin	Euxyl PE 9010	Schulke	1.00
<b>Cetyl Triethylmonium Dimethicone PEG-8 Succinate</b>	<b>BioPlex® Cetylsil® S-PF</b>	<b>Biosil</b>	<b>5.00</b>
Red # 40	0.1% Sol	LCW	0.32
Orange # 4	0.1% Sol	LCW	0.20
Fragrance	Aloe Herbal PSI-00778	Premier	0.50

*Procedure:* Combine ingredients of Phase A together and mix until it is clear. Add Sodium Chloride to build viscosity. Mix until it is clear and desired viscosity is achieved. Add ingredients of Phase C one by one with mixing.

*Parameters:* pH 5.61, Viscosity 5160 CPS S#4 @ 5 RPM

*Stability:* Acceptable 8 weeks stability at 4°C, RT 45°C, and 3 F/T cycles.