

# **Product Formulation**

## **Feminine Wash**

PHC-PF-22-077

An intimate wash formulation that contains mild ingredients that has creamy lather that doesn't strip off skin's natural oils and leaves the skin smooth and moisturized.

Phase	Ingredient	INCI	<b>Function</b> Diluent	% q.s to 100
A1	Water	Aqua		
A2	Ethylenediamine Tetraacetic Acid	Ethylenediamine Tetraacetic Acid	Chelating Agent	0.20
А3	Glysoft RG	Glycerin	Humectant	1.00
A4	Sufrasoft AO100	Cocamidopropylamine Oxide	Surfactant	20.00
A5	Lauryl Glucoside	Lauryl Glucoside	Surfactant	17.00
A6	Glysoft SF	Cocoglycerides	Superfatting Additive	5.00
A7	Fragrance		Fragrance	0.30
A8	Sodium Benzoate	Sodium Benzoate	Preservative	0.10
A9	PEG-120 Methyl Glucose Trioleate (and) Propanediol	PEG-120 Methyl Glucose Trioleate (and) Propanediol	Thickener	1.00
A10	Citric Acid, 50% solution	Citric Acid	pH modifier	0.58
	TOTAL			100.0

#### **Formulation Benefits**

- √ Silicone-free
- √ Natural and mild formulation
- √ Contains moisturizer
- √ Gentle cleanser
- √ Skin pH

#### **Key Ingredients**

#### Sufrasoft AO100

- ✓ Bio-Based, biodegradable and nonhazardous.
- √ Stable over a wide pH range
- ✓ Foam stability in a wide spectrum of formulations
- ✓ ISO-16128: 89%



#### **Glysoft SF**

- √ Skin conditioner
- √ Moisturizing
- √ Foam booster and stabilizer
- ✓ ISO-16128: 100%



All data, formulations and information provided herein have not been comprehensively tested and are not represented as suitable for any particular uses. Statement concerning possible or suggested uses made herein may not be relied upon or be construed as a guaranty of no patent infringement. Users have the sole responsibility and obligation for making preliminary tests to determine the suitability of the sample formulations described herein for any application, to make tests before use in any specific applications, and to confirm the performance, efficacy, safety and regulatory compliance of such products for their particular use.

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#### **Procedure**

1	Load water to the beaker. Start mixing.			
2	Add Ethylenediaminetetraacetic Acid, mix until dissolved.			
3	Add <b>Glysoft RG</b> , <b>Sufrasoft AO100</b> , Lauryl Glucoside and <b>Glysoft SF</b> . Mix until clear and homogenous.			
4	Add Fragrance. Mix until clear and homogenous.			
5	Add Sodium Benzoate, mix fully dissolved.			
6	Add PEG-120 Methyl Glucose Trioleate (and) Propanediol, mix until homogenous.			
7	Add Citric Acid, 50% solution witcontinuos mixing until homogenous.			
Specification				
Appearance		Clear liquid		
рН		5.00 – 6.00		
Viscosity @ 25°C		370 cPs		

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