



# Product Formulation

## Slime Body Wash

PHC-PF-23-031-009

This slime body wash is made with naturally derived ingredients, perfect for kids' sensitive skin. Formulated with an engaging texture that will surely enjoy bath time. Contains moisturizers for smooth and healthy skin.

Phase	Ingredient	INCI	Function	%
A1	Water	Aqua	Diluent	40.04
A2	Hydroxyethylcellulose	Hydroxyethylcellulose	Thickener	2.20
<b>A3</b>	<b>Glysoft RG</b>	<b>Glycerin</b>	<b>Humectant</b>	<b>3.00</b>
A4	Carageenan	Carageenan	Thickener	0.50
A5	Tetrasodium EDTA	Tetrasodium EDTA	Chelating Agent	0.50
<b>A7</b>	<b>Sufravon 890</b>	<b>Potassium Cocoate/Olivate</b>	<b>Surfactant</b>	<b>30.00</b>
<b>A7</b>	<b>Sufrosoft HS100</b>	<b>Cocamidopropyl Hydroxysultaine</b>	<b>Surfactant</b>	<b>10.00</b>
A8	Sodium Benzoate	Sodium Benzoate	Preservative	3.00
A9	Fragrance		Fragrance	0.20
A10	Aloe Vera Extract	Aloe Barbadensis Leaf Extract	Moisturizing Active	0.20
	<b>TOTAL</b>			<b>100.00</b>

### Formulation Benefits

- ✓ Mild formulation
- ✓ Made from coconut-based ingredients
- ✓ With natural moisturizers
- ✓ Playful bath experience

### Key Ingredients

#### Sufravon 890

- ✓ 100% Plant-based
- ✓ Excellent foaming and cleansing properties
- ✓ With built-in moisturizer
- ✓ ISO 16128: 100%

#### Sufrosoft HS100

- ✓ High foaming amphoteric surfactant
- ✓ Derived from coconut oil
- ✓ California Prop 65 Compliant

#### Glysoft RG

- ✓ With almost 99.50% purity
- ✓ Kosher certified material
- ✓ 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

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- 1 Load water in a clean beaker. Start agitation at 500rpm.
  - 2 Add Hydroxyethylcellulose. Mix until fully dispersed. Increase agitation if needed.
  - 3 In a separate container, mix **Glysoft RG** and Carageenan until well combined. Add to the main mixing vessel. Mix until fully dispersed.
  - 4 Add Tetrasodium EDTA. Mixed until homogenous.
  - 5 Add **Sufravon 890** and **Sufrosoft HS100**. Mixed until homogenous. Heat up to 70-80°C with continued mixing at a lower mixing speed until viscous and free of bubbles.
  - 6 Add remaining ingredients. Mix until homogenous.
  - 7 Fill into a heat-resistant container.
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## Specification

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Appearance	Viscous slimy liquid
pH (as is)	9.26

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