



Product Formulation

Kids' Bath Jelly

PHC-PF-22-044

Wiggly foaming soap jelly for kids that contains naturally-derived surfactants. It is easy to apply and fun to use for kids.

Phase	Ingredient	INCI	Function	%
A1	Glysoft RG	Glycerin	Humectant	49.00
A2	Carrageenan	Carrageenan	Gelling Agent	2.50
B1	Water	Aqua	Diluent	20.295
B2	Sufravon 869	Potassium Cocoate	Surfactant	23.50
B3	Lauryl Glucoside	Lauryl Glucoside	Co-Surfactant	4.00
B4	1% Red Dye	CI 45380	Colorant	0.08
B5	Fragrance	Parfum	Fragrance	0.50
B6	Potassium Sorbate	Potassium Sorbate	Preservative	0.025
B7	Sodium Benzoate	Sodium Benzoate	Preservative	0.10
TOTAL				100.00

Formulation Benefits

- ✓ Natural formulation
- ✓ Gentle cleansing
- ✓ Non-drying
- ✓ Fun and engaging format

Key Ingredients

Sufravon 869

- ✓ 100% plant-based ingredients
- ✓ Wide compatibility with different surfactants
- ✓ ISO 16128: 99.5%



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.

NATURA AEROPACK CORPORATION

First Industrial Township, Special Economic Zone FIT-SEZ, Brgy. Pagaspas, Tanauan, Batangas, Philippines 4232

☎ (+632) 8635 0680 📞 (+632) 8635 0703 ✉ info@natura-aeropack.com 🏠 <https://natura-aeropack.com>



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Procedure

- 1 In main mixing vessel, combine **Glysoft RG** and Carrageenan and mix until homogenous. Endpoint should be a slurry.
- 2 In a separate vessel, combine all ingredients under Phase B. Endpoint must be a clear homogenous liquid.
- 3 Add Phase B to Phase A. Mix until homogenous.
- 4 Heat up to 90 - 100°C. Sample must be clear and no bubbles.
- 5 While hot, pour into heat resistant container or mold. Allow to cool.

****NOTE:** Product congeals almost immediately once exposed to cooler temperatures.

Specification

Appearance	Clear, gelatinous solid
pH	7.61

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