



Product Formulation

Silica Sand Body Scrub

PHC-PF-23-097

Eco-friendly body scrub based on silica sand. It contains **Ecopure LE**, a cold-processable emulsion based on caprylic/capric triglyceride. It also contains natural preservative based on NatPro 9000. It is a Caprylhydroxamic Acid based preservative containing monoglycerides of Caprylic, Capric and Lauric acid.

Phase	Ingredient	INCI	Function	%
A1	Glysoft RG	Glycerin	Humectant	2.00
A2	Xanthan Gum	Xanthan Gum	Suspending Agent	0.20
A3	Water	Aqua	Diluents	55.30
A4	Carbopol 940	Carbomer 940	Thickener	0.50
B1	Ecopure LE	Caprylic/Capric Triglyceride (and) Glyceryl Stearate (and) PEG – 100 Stearate	Emulsion Concentrate	20.00
B2	NatPro 9000	Glyceryl Caprate (and) Glyceryl Caprylate (and) Glyceryl Laurate (and) Caprylhydroxamic Acid	Preservative/ Emollient	1.50
B3	Fragrance		Fragrance	0.50
C1	Silica Sand	Silica	Exfoliant	20.00
C2	Triethanolamine	Triethanolamine	pH Modifier	q.s.
TOTAL				100.00

Formulation Benefits

- ✓ Natural scrub formulation containing silica sand
- ✓ Moisturizing after feel
- ✓ Smooth skin feel

Key Ingredients

Ecopure LE

- ✓ Cold-processable emulsion system
- ✓ Imparts silky and smooth skin feel
- ✓ Derived from sustainable vegetable oil
- ✓ ISO-16128: 93%



NatPro 9000

- ✓ Natural preservative
- ✓ Natural co-emulsifier and super fattening active
- ✓ Effective at pH 4.0 – 7.0
- ✓ ISO-16128: 98%



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 In a clean container, disperse Xanthan Gum in **Glysoft RG**. Once completely disperse, add water. Continue mixing until completely homogeneous.
- 2 Add Carbopol 940 while mixing and continue until completely dispersed.
- 3 In a separate container, combine **Ecopure LE, NatPro 9000** and Fragrance. Mix until completely homogeneous.
- 4 Add ingredient B mixture to ingredient A mixture while mixing. Continue mixing until completely homogeneous
- 5 Add Silica Sand, continue mixing until completely disperse in the system. Adjust pH using Triethanolamine to desired pH.

Specification

Appearance	Off-white emulsion with suspended silica sand
pH (as is)	5.0 – 7.0

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