

# SUPPLE SKIN BODY WASH

with BotaniDesign™ and  
StarDesign™ Care



Phase	Trade Name	INCI	Supplier	%WT
A	Water	Aqua		60.53
	<b>Glycerin</b>	<b>Glycerin</b>	<b>Cargill</b>	<b>2.00</b>
	Dermofeel® PA-3	Sodium Phytate (and) Aqua (and) Alcohol	Evonik	0.10
	<b>StarDesign™ Care</b>	<b>Hydroxylpropyl Starch Phosphate</b>	<b>Cargill</b>	<b>4.00</b>
B	Water	Water		10.00
	UCARE™ Polymer JR-400	Polyquaternium-10	Dow Chemical	0.50
	<b>Citric Acid</b>	<b>Citric Acid (and) Aqua</b>	<b>Cargill</b>	<b>0.07</b>
C	Steol CS-270C	Sodium Laureth Sulfate	Stepan	8.30
	Lauric Acid	Lauric Acid	Acme-Hardesty	3.00
	Stearic Acid	Stearic Acid	Acme-Hardesty	0.50
	Mackam 35-HA	Cocoamidopropyl Betaine	Verdant Specialty Solutions	5.00
D	<b>BotaniDesign™</b>	<b>Hydrogenated Vegetable Glycerides</b>	<b>Cargill</b>	<b>5.00</b>
E	Iscaguard PE	Phenoxyethanol	ISCA	1.00

## CHARACTERISTICS

- **Appearance:** White Creamy Body Wash
- **pH:** 5.0 - 5.5
- **Stability:** Passed 8 week stability (4°C, RT, 45°C and UV). Passed 4 cycles of Freeze/Thaw.
- **Viscosity (Brookfield RV DV-II + Pro 20rpm, RV-6):** 25,000-32,000cP



## PROCESS

1. Add raw materials in Phase A one at a time under propeller mixing. When adding in StarDesign™ Care, increase propeller mixing. Heat to 65°C-70°C.
2. In a separate vessel mix UCARE™ Polymer JR-400 and water together with a spatula and add a few drops of 20% Citric Acid solution to create a gel. Add Phase B to Phase A.
3. Reduce propeller speed and mix raw materials of Phase C very slowly. Add in raw materials of Phase C one at a time to Phase A + B and wait until the raw material is fully dispersed to add the next raw material.
4. Prepare Phase D in a separate beaker and heat to 65°C-70°C. Add into Phase A + B + C. Increase mixing to moderate propeller mixing after addition.
5. Begin to cool to 40°C. When temperature reaches 40°C, add preservative and mix well. Adjust pH to 5.5-6 with citric acid.

Pamper your skin with a creamy cleansing bodywash with **BotaniDesign™** that cleanses and moisturizes! BotaniDesign™ leaves a substantive feel on the skin making it soft and supple.

**PATENTS AND REGULATIONS** The information presented herein is intended to illustrate the possible technical applications of our products. However, since the use of this information and our products is beyond our control, any recommendations or suggestions are made without guarantee of warranty in each country and particularly in the absence of patent rights. In addition, we recommend that the user ensures that this product is in compliance with the local regulations in force, particularly in the country where the finished product is to be consumed. It is the responsibility of the user to comply with the patents and the regulations in force.

Revision Date: February 2024

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