



Economy Body Wash (Sulfate-Free, Betaine-Free)

DESCRIPTION

This formulation features **Cola[®]Det DEF-61** for a sulfate-free and betaine-free body wash. With a high, creamy foam, this formula is great for sensitive skin for mild cleansing. All the ingredients in this formulation are Prop 65 compliant.

FORMULATION

Order	INCI Name	Trade Name	%
1	Water	Water	qs to 100.00
2	Polyquaternium-7	Merquat [™] 550 ¹	1.00
3	Water, Sodium C14-16 Olefin Sulfonate, Cocamidopropyl Hydroxysultaine, Cocamide MIPA	Cola[®]Det DEF-61	15.00
4	Fragrance	Calming Fragrance ²	0.20
5	Sodium Benzoate and Potassium Sorbate	Microcare [®] SB ³	1.00
6	Citric Acid	Citric Acid	qs to pH 6
7	Sodium Chloride	Sodium Chloride	1.85

PROCEDURE

1. Add Merquat[™] 550 to vortex of well agitated water. Mix until completely incorporated.
2. Add ingredients 3-5 in order with adequate mixing between additions.
3. Adjust to pH 5.5 – 6.0 with Citric Acid.
4. Adjust to desired viscosity with Sodium Chloride.

TYPICAL PROPERTIES

Appearance Clear Liquid
pH 5.0 – 5.5
Viscosity 4,000 – 6,000 cP

SUPPLIERS

¹Lubrizol, ²Orchidia, ³Thor