## Applechem Formulary - Cleansing

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## Sensory Blanket Body Wash (CL-B 003)

A rich body wash featuring gentle cleansing paired with a warm, enveloping fragrance. The combination of a glutamate-based surfactant system, high fragrance load, and Sorbithix L-100 creates a mild cleansing feel while retaining strong viscosity and crystal clear clarity.

**SorbiThix** is the best in the class of non-ionic associative thickeners. It brings high perfume, high clarity and high viscosity with good foaming ability to ANY surfactant systems on the market, even the most challenging glutamate surfactant systems.

PHASE	INCINAME (TRADE NAME)	SCG USAGE (WT%)
A	Distilled Water	32.75
	Disodium EDTA	0.10
	Cocamidopropyl Betaine (35% active)	8.00
	Sodium Cocoamidopropyl Hydroxysultaine (Amphosol CS-50)	4.00
	Sodium Cocoyl Glutamate (20% Ajinimoto CS11 Solution)	45.0
	SorbiThix L-100	3.85
В	Guar Hydroxypropyltrimonium Chloride (Jaguar Excel)	0.10
	Glycerin	2.00
	Distilled Water	1.00
C	Wild Currant & Orange Flower Perfume (Creative 8661)	3.00
	Preservative (DMDM Hydantoin)	0.20
D	Citric acid to pH 5.5	Q.S.

## Specifications

- 🍎 🛛 Viscosity: 10,980 cp
- ĕ pH: 5.5
- 50°C oven: 1 month stable
- Freeze-Thaw: Passed 3 Cycles

## **Processing Method**

- 1. Set and heat water bath to 65-67 Celsius.Add Phase A to a beaker and mix at 60-65 Celsius for 25 minutes (450-550 rpm)
- 2. Premix Phase B separately then add to mixer using water to rinse container. Let mix for another 25 minutes at 60-65 Celsius.
- 3. Cool the batch to below 40 Celsius and add Phase C. Let mix for another 5 minutes then adjust pH to 5.5.

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