

Sulfate-Free Body Wash Formulation J4/87A

Phase	Ingredients	INCI Nomenclature	Supplier	%
A	DI Water	Water		50.2
B	Methocel E-4M	Hydroxypropyl Methylcellulose	Aqualon	0.4
B	Glycerin 99	Glycerin	JEEN Int'l	3.0
C	JEECHEM® Concentrate SF-24	Disodium Laureth Sulfosuccinate & Sodium Cocoyl Isethionate & Cocamidopropyl Betaine & Sodium Methyl Cocoyl Taurate	JEEN Int'l	30.0
C	JEETERIC® CM-36S	Sodium Cocoamphoacetate	JEEN Int'l	11.0
C	JEECHEM® EGMS	Glycol Stearate	JEEN Int'l	1.0
D	JEECIDE® CAP-5	Phenoxyethanol & Caprylyl Glycol & Potassium Sorbate & Water & Hexylene Glycol	JEEN Int'l	1.0
D	Fragrance	Fragrance		0.1
E	Citric Acid	Citric Acid		0.7
E	Salt	Salt		2.5
Total				100.0

Procedure:

1. Charge Phase A water to the main mixing tank.
2. Premix Phase B ingredients and add to A. Mix for 15 minutes.
3. Add Phase C ingredients one at a time ensuring each is dissolved before adding the next.
4. Heat batch to 65-70C. Ensure the EGMS has completely melted and the batch is uniform.
5. Cool batch to 50-55C.
6. Pre-mix Phase D and add to the batch.
7. Add Phase E one at a time ensuring each is dissolved before adding the next.
8. Cool to RT.

Specifications:

pH – 5.0 – 6.0

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