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## Sulfate-Free Calming Shower Gel

**Code** J38-67      **Application** Skin Care      **Body Parts** Body      **Form** Body Wash      **Appearance** Clear      **Emulsion Type**

Sulfate-free mild and gentle daily shower gel that doesn't compromise foam or consumer expectation of an effective cleansing agent. This versatile "base" can be used in a number of ways to achieve performance, label needs, and budget constraints.

Trade Name				
Phase	INCI Name	%	Vendor	Highlight Jeen Ingredients
A	Hydroxypropyl Methylcellulose (0.5% Solution)	20.000		
A	<b>DL-PANTHENOL</b> Panthenol	0.1000	Jeen	
A	<b>GLYCERIN 99.7% USP</b> Glycerin	1.5000	Jeen	
B	<b>JEECHEM® Concentrate SF-24</b> Disodium Laureth Sulfosuccinate, Sodium Cocoyl Isethionate, Cocamidopropyl Betaine, Sodium Methyl Cocoyl Taurate	40.000	Jeen	Jeechem Concentrate SF-24 is a sulfate-free and amide-free gentle and mild all purpose surfactant with moderate high foam, good cleansing/wash off profile. Ideal for shampoos, conditioners, body washes, and cleansers.
C	Deionized Water	32.400		
C	<b>JEEMATE® 6000-DS</b> Peg-150 Distearate	3.0000	Jeen	
D	<b>JEESORB® O-20 NF</b> Polysorbate 80	0.5000	Jeen	
E	<b>JEECID® AA</b> Benzyl Alcohol, Benzoic Acid, Sorbic Acid	1.0000	Jeen	Jeeicide® AA is an optimally blended broad spectrum preservative formulated to meet the needs of personal care products from shampoos and conditioners to skin care serums, lotions and creams. It is particularly useful in natural and organic formulations due to the wide acceptance of the ingredients that comprise the product.
E	Fragrance LFG-8618 Water Sparking Fragrance	0.5000		
E	Chamomile Extract Chamomilla Recutita Extract	1.0000	Botanicals Plus	
		100.0000	%	

Procedure	Product Specifications
1 Add Phase A ingredients and mix until homogeneous at 25°C.	<b>pH</b> 5.0 - 6.0
2 Add Phase B to main batch while side sweep mixing until homogeneous. Heat phase AB to 50-55°C.	<b>Viscosity</b> sp4 @ 30rpm 1,700cps
3 Pre-mix Phase C ingredients at 65-70°C and mix until homogeneous. Add to phase AB at 50-55°C and mix until homogeneous.	
4 Begin cooling batch to 25°C while side sweeping very slowly.	
5 Premix Phase D to Phase ABC and side sweep slowly until homogeneous.	
6 Add Phase E ingredients individually and mix until homogeneous.	

### Innovation you can feel

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