



Formulation Sheet

Clear Deodorant Stick

ACTS21489

Ingredients: Distilled Water, Zemea® propanediol, Sodium Hydroxide (10% Sol.) Stearic Acid, POLYALDO® 10-1-CCKFG, Fragrance

Phase	Volume	Ingredient	INCI	Supplier	Function
A	16.0%	Distilled Water	Aqua		Solvent
A	60.0%	Zemea® propanediol	Propanediol	DuPont Tate & Lyle	Solvent
A	9.5%	Sodium Hydroxide (10% Sol.)	Sodium Hydroxide		Ph Adjuster
B	6.0%	Stearic Acid	Stearic Acid	Cremer	Emollient / Thickener
C	8.0%	POLYALDO® 10-1-CCKFG	Polyglyceryl-10 Caprylate/Caprate	Lonza	Surfactant
D	0.5%	Fragrance			

Procedure

1. Add phase A in a clean beaker and heat to 85-95°C
2. Add phase B into phase A and continuously mix the mixture at high temperature (85-95°C). A clear solution will be observed.
3. Add the water that was evaporated from heating and add phase C into the clear mixture
4. Reduce the heat to 80°C and add phase D with stirring
5. Transfer to packaging at 80°C

**For additional information or samples:
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Formula:

ACTS 21489 provided by:
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