



2% BHA Spot Treatment Gel

ARL-026-013-7

<u>PHASE A</u>	% W/W
Pelemol G7A¹ (Glycereth-7 Triacetate)	2.00
Salicylic Acid, ReagentPlus, ^{>/= 99%³ (Salicylic Acid)}	2.00
<u>PHASE B</u>	
Deionized Water (Water/Aqua)	60.00
Niacinamide PC ² (Niacinamide)	1.00
<u>PHASE C</u>	
Coscap G7-MC¹ (Glycereth-7 Trimethyl Ether)	6.00
Glycerine 99% (Glycerin)	4.00
Phenoithix[®] APT¹ (Ammonium Polyacryloyldimethyl Taurate)	2.50
Preservative	1.00
Deionized Water (Water/Aqua)	21.50
	100.00

1. **Phoenix Chemical, Inc.**
2. DSM
3. Sigma-Aldrich

Procedure:

Make Phase A: In small side kettle, charge **Pelemol G7A** and begin mixing slowly. While mixing, add salicylic acid, and continue mixing until salicylic acid is completely dissolved. While Phase A is mixing, in main kettle charge water, and add in niacinamide while mixing slowly. Mix Phase B until niacinamide is completely dissolved. When Phase B is uniform, add Phase A to Phase B in main kettle, and mix at low speed until well blended. Pre-mix Phase C in a side kettle; when mixed together, add to Phase AB while mixing (Phase C pre-mix will not be completely uniform and should contain lumps). Increase agitation speed and mix until fully uniform. Bulk will be slightly hazy and have a medium gel texture.

INGREDIENT	FUNCTION
Pelemol G7A	Water soluble emollient that can function as a co-solvent or coupler agent.
Phenoithix APT	Efficient thickener for water-based systems.
Coscap G7-MC	Light, dry, silky emollient, stable over wide pH range.