

## Actina Sal clear™

**INCI Name:** Phospholipid, glycerol, salicylic acid, Polysorbate 80

### Function:

- Advanced exfoliating, anti-inflammatory, and acne treatment agent with superior skin penetration.

### Definition:

- Actina Sal clear™ is an innovative form of salicylic acid encapsulated within phospholipid-based liposomes to enhance stability, skin permeation, and efficacy. This delivery system facilitates a slow, controlled release, maximizing benefits while minimizing irritation.

### Properties:

- Enhanced percutaneous absorption.
- Controlled release for prolonged action.
- Reduced skin irritation compared to free salicylic acid.
- Anti-inflammatory, antibacterial and comedolytic effects.

### Mechanism of Action:

Encapsulation in liposomes triennial delivery by:

- Penetrating deeper into sebaceous follicles.
- Shielding active ingredients from degradation.
- Releasing salicylic acid in a targeted, time-controlled manner.

This mechanism boosts efficacy in treating various skin concerns while being suitable for sensitive or reactive skin types.

### Formulation:

Water-dispersible, add at cool down phase ( $\pm 40^{\circ}\text{C}$ ) to protect liposomal inferior.

Compatible with emulsions, gels, and micellar systems.

### Key Benefits:

- Clinically proven superior absorption compared to free SA.
- Hypoallergenic-Ideal for sensitive or acne-prone skin.
- Targets clogged pores and inflammation effectively.
- Supports smoother, clearer skin texture.



Significant decrease in acne quantity by 48% up to 96% after just 1 month

**Recommended Use Level:**

1-2% in leave on

2-5% in rinse-off

**Applications:**

- Ideal for a wide range of cosmetic and derma cosmetic formulations Indore.
- Ache treatment (gels, creams, lotions, masks)
- Anti-dandruff shampoos.
- Body exfoliants and keratosis pilaris lotions
- Seborrheic dermatitis and oily skin control products