

Anti Acne Serum

Salicylic acid is a popular and effective ingredient used to treat acne, especially for oily and acne-prone skin. It is a beta hydroxy acid (BHA) that penetrates deep into pores to dissolve excess oil, dead skin cells, and impurities that cause breakouts.

Salicylic acid helps reduce blackheads, whiteheads, and inflammation while preventing new acne from forming. It also has mild anti-inflammatory properties that calm redness and swelling. Regular use can improve skin texture and promote clearer skin, but overuse may cause dryness or irritation, so proper concentration and moisturizing are important.

Weight: 100g

No.	Ingredient	INCI	Function	%	Weight (g)
	<u>Phase A</u>				
1.	Propylene glycol	Propylene glycol	Humectant	10.00	10.00
2.	Salicylic acid	Salicylic acid	Active ingredient	2.00	2.00
3.	Sodium citrate	Sodium citrate	Stabilizer	1.00	1.00
4.	Sodium benzoate	Sodium benzoate	Preservative	0.50	0.50
5.	Sodium bicarbonate	Sodium bicarbonate	Buffer	0.70	0.70
6.	Glycerin	Glycerin	Humectant	5ml	5ml
7.	Hyaluronic acid	Hyaluronic acid	Moisturizer	1.00	1.00
8.	Water		Diluent	84.80	84.80

Procedure:

1. Fill the beaker with 84.80 grams of distilled water, cover it with aluminum foil, and use two methods to heat the water to roughly 50 degrees Celsius.
2. Salicylic acid dissolve: An additional beaker Add two grams of salicylic acid to the ten grams of propylene glycol (the maximum amount that can be used in a 100-gram formulation) in the beaker.
3. In order to prevent the salicylic acid from crystallizing, add sodium citrate to the mixture and stir gently until it dissolves. Next, add the dissolved acid to the beaker along with 0.70 g of baking soda and 1 g of sodium benzoate as a preservative.
4. Together with the glycerin, add 1g of hyaluronic acid. after which you should cover the beaker and set it away for a day, or until the hyaluronic acid dissolves and swells. Transfer your serum into a sterile serum container.