

Salicylic Acid Solution

Specification Sheet

Description: Organic beta hydroxy acid (chemical name: 2-hydroxybenzoic acid) prepared as 40% concentrated, ready-to use solution (dissolved in cocamidopropyl dimethylamine). Viscosity 5,000-10,000cps. No crystallization, cold processable.

CAS: 68140-01-2, 69-72-7

INCI Name: Salicylic acid, cocamidopropyl dimethylamine

Composition: Salicylic acid, cocamidopropyl dimethylamine

Appearance: Amber, viscous liquid, odorless

Benefits:

- Salicylic acid solution has the same benefits as salicylic acid powder, but it is less irritating
- Easier to formulate than with salicylic acid powder as there are no dusting or dissolving problems
- Can be used for skin peels, anti-dandruff products, and in products for oily, acneic and/or blemished skin

Use: Typical use level of the solution is 1.0 - 7.5% (corresponds to 0.4 - 3% active salicylic acid concentration) depending on indication (see below). Add to the water phase of formulas (no heating is required) or at the end of formulation process after emulsion has formed (let emulsion cool down first to 40-45°C).

Applications:

- Peels and exfoliant products 1.0 - 7.5% of salicylic acid solution (= 0.4 - 3% active salicylic acid)
- Anti-acne products up to 5% of salicylic acid solution (= 2% active salicylic acid)
- Anti-dandruff products up to 7.5% of salicylic acid solution (= 3% active salicylic acid)
- Wart-removing products depends on type of plaster vehicle used but up to 40% of active salicylic acid.

Solubility: Water-soluble (gives clear solutions)

Preservation: Preservative-free

Storage: Store in a closed container at a dry place

Country of Origin: USA

Raw material source: Sodium phenoxide and carbon dioxide

Manufacture: Salicylic acid is prepared from dry sodium phenoxide in a stream of carbon dioxide. It is further purified by crystallizing the sodium salicylate from water at a temperature not exceeding 20 deg C. It is then dissolved in cocamidopropyl dimethylamine, an amidoamine-type emulsifier made from coconut oil.

Animal Testing: Not animal tested

GMO: GMO-free (does not contain plant-derived components)

Vegan: Does not contain animal-derived components

HS Code: 2101110000

Regulatory Information: Salicylic acid is registered as OTC-drug with the FDA. This means that, if you want to sell products containing salicylic acid, your facility must be registered with the FDA and operate under cGMP guidelines.