



Betaine Salicylate

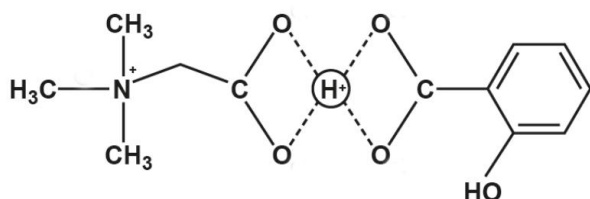
INCI name: Betaine salicylate

CAS number: 17671-53-3

Molecular formula: $C_{12}H_{17}NO_5$

Molecular Weight: 255.26

Chemical Structure:



Physical/Chemical properties

Appearance: White to off-white crystals

Melting point: 108 °C

Product specification

Assay: min 99% d.s.

pH(1% Aqua): 2.0-5.0

Loss on dry: max 0.5%

Residue on ignition: max 0.1%

Applications

Betaine salicylate combines perfectly the benefits of salicylic acid with the unique and gentle skin improvement properties, it can improve skin conditions widely, that has antimicrobial properties and exfoliating, moisturizing functions.

- Anti-acne and Anti-microbial Formulations
- Leave-on and Rinse-off Applications

- Exfoliation Applications with Anti-Irritation Claims

Formulation Benefits

- Substantive keratolytic complex
- Natural moisturizer
- Gentle exfoliant
- Skin smoothing agent

Solubility

Betaine salicylate is slightly soluble in water (0.74g/100g, 25 °C). The solubility is increased at higher temperatures or in ethanol amine solution.

Stability

In solid form it is stable and shows no decomposition. It is also stable in alkaline or acidic conditions.

Shelf life

Two years from date of manufacture when stored in original packaging.

Storage conditions

Store in the original sealed container in a cool and dry place out of direct sunlight. Store below 40 °C.

Packaging

25 kg fiber drums with two polyethylene inner bag or as per your request.

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JinanJiuan Ester Chemical Co., Ltd.

Http:// www.pengbobio.com

E-mail: info@pengbobio.com

Industrial Park, Zhangqiu, Jinan, China

TEL:0086-531-82687186

FAX: 0086-531-82687186