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 wildly, that has antimicrobial properties and exfoliating, moisturizing functions.

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

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 stable and shows no decomposition. It also stable in alkaline or acidic conditions.

Shelf life
Two year 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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