Technical Data Sheet
BETaine SAlicylate (BL) 
(Genti-Fol SA)

Product Information
Betaine Salicylate is the product formed by the reaction of Betaine with Salicylic Acid. It combines the benefits of salicylic acid with the unique and gentle skin improvement properties of trimethylglycine. The product is an internal salt represented by the schematic illustration below. In this chemical structure, the anionic portion of the salicylic acid molecule shares a common charge with the anionic portion of the trimethylglycine molecule. This complexes the salicylic acid tightly to the trimethylglycine molecule and isolates the cationic charge of the trimethylglycine to create a “Substantive Keratolytic Complex”.

Thus, the new molecular entity offers the combined benefits of both the salicylic acid moiety and the trimethylglycine moiety. This new product becomes ideal for leave-on and rinse off compositions that require mild exfoliation and antimicrobial properties blended with substantial moisturizing and anti-irritation claims.

INCI name
Betaine Salicylate

Registrations
CASR-NO: 17671-53-3

Chemical structure & Chemical Formula: \( \text{C}_{12}\text{H}_{17}\text{NO}_5 \)
Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Free Flowing Powder</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Color</td>
<td>White</td>
</tr>
<tr>
<td>Particle Size</td>
<td>99% pass through a 325 mesh sieve</td>
</tr>
<tr>
<td>Microbial Content</td>
<td>100 opg Maximum, No Pathogens</td>
</tr>
</tbody>
</table>

Functions

- Natural moisturizer.
- Gentle exfoliant.
- Skin smoothing agent.
- Antimicrobial.
- Keratolytic.
- Antiacne.
- Antimicrobials.

Applications

- Anti-acne and Anti-microbial Formulations.
- Exfoliation Applications with Anti-Irritation Claims.
- Leave-on and Rinse-off Applications.

Recommended Use Level: 0.5 - 4.0%

Storage

Store in a tightly closed container at room temperature between 15-30°C away from light and moisture.

Packing: 25 kg/ bag