A Hydro-Alcoholic Extract Blend of Lemon Peel, Orange Peel and Rose Hips

<table>
<thead>
<tr>
<th>NAME</th>
<th>INCI NAME</th>
<th>CAS NUMBER</th>
<th>EINECSCS NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lemon Peel</td>
<td>Citrus Limon (Lemon) Peel Extract</td>
<td>85085-28-584929-31-7</td>
<td>284-515-8 (I) 285-359-3 (I)</td>
</tr>
<tr>
<td>Orange Peel</td>
<td>Citrus Aurantium Dulcis (Orange) Peel Extract</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Rose Hips</td>
<td>Rosa Canina Fruit Extract</td>
<td>84696-47-9</td>
<td>283-652-0 (I)</td>
</tr>
</tbody>
</table>

**PART USED:** Bio-flavonoids

**PRODUCT DESCRIPTION:** Bioflavonoids (or flavonoids) are the component of plants that are involved in pigmentation, UV filtration, and nitrogen fixation. Bioflavonoids are well known for their antioxidant activity which makes them a highly desirable component for personal care products. This product, Bio-Flavonoids, utilizes components from the dog rose flower, lemon peel, and orange peel in order to maximize the bioflavonoid content of the product.

**PRODUCT DESCRIPTION:** Bio-Flavonoids are an excellent addition to a large variety of types of formulations in the personal care industry. It can be added to boost the antioxidant content of just about any personal care product such as a shampoo, conditioner, body wash, face wash, lotions and in many other types of applications.

**SUGGESTED USE LEVEL:** 0.5% - 3.0%

**COLOR:** Brown to dark brown

**PH:** 3.5 - 5.5

**ODOR:** Characteristic, aromatic, herbal

**SOLUBILITY:** Soluble in water

**SHELF LIFE:** 24 months Unopened

#5201

Please ask your Bio-Botanica sales representative for more details.

To the best of our knowledge the information provided is correct. We reserve the right to make changes and improvements as necessary.