PRODUCT SPECIFICATION

PRODUCT: CosVivet APG DG64

PROPERTIES

Product Identification
INCI-Name: Decyl Glucoside
CAS No.: 68515-73-1 & 110615-47-9

Description
APG DG64 is a nonionic surfactant made from natural raw materials. It is very mild and readily biodegradable. The product is generally used in shampoo, bubble bath, cleaning lotion and Personal Care because of its excellent mildness, foaming performance and ability to reduce irritation.

Specification

<table>
<thead>
<tr>
<th>ITEMS</th>
<th>SPECIFICATION</th>
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<tbody>
<tr>
<td>Appearance</td>
<td>Light yellow liquid</td>
</tr>
<tr>
<td>Solid content</td>
<td>50.0-52.0%</td>
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<tr>
<td>Free fatty alcohol</td>
<td>1.0% max.</td>
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<tr>
<td>Sulfated ash</td>
<td>3.0% max.</td>
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<tr>
<td>pH (25°C, 10% aq sol)</td>
<td>11.5-12.5</td>
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<tr>
<td>Viscosity (20°C)</td>
<td>1000-2000 mPa.s</td>
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Storage
The product may be stored for 24 months from the date of manufacture in the unopened original container and at room temperature. Keep container tightly closed. If store a long time at 45°C or more, the color of the products will gradually become darker. Products will appear solidified when in low temperature, showing non-uniform or uniform paste as normal phenomenon and its performance will not be changed. Please heat them in the dryer and mix before use.

Properties
APG DG64 is a nonionic surfactant that provides superior detergency emulsifying, penetrating and surface tension reduction properties. It shows good compatibility with anionic an amphoteric surfactant. Like all APG products, APG DG64 is mild and readily biodegradable.
APG DG64 is widely used in Personal Care products and formulations which require thickening effects because its unique performance in cleaning, emulsifying and thickening. APG DG64 is suitable for use as a base surfactant or a co-surfactant in cosmetic cleansing preparations.

- Shampoo
- Bubble bath
- Cleaning lotion
- Shower gel
- Hand and face cleansers