Kostol ApiFree
Wax No. 10000

Kostol ApiFree is a natural, vegan wax blend with hydrophilic properties and oil gelling capabilities designed to be used in all cosmetic and personal care applications.

CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>ANALYTICAL TEST</th>
<th>METHOD</th>
<th>SPECIFICATION</th>
<th>UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melting Point</td>
<td>USP 741</td>
<td>60-70</td>
<td>°C</td>
</tr>
<tr>
<td>Acid Value</td>
<td>USP 401</td>
<td>&lt;7</td>
<td>mg KOH/g</td>
</tr>
<tr>
<td>Saponification Value</td>
<td>USP 401</td>
<td>90-110</td>
<td>mg KOH/g</td>
</tr>
<tr>
<td>Color</td>
<td>Visual</td>
<td>Off-White to Tan</td>
<td></td>
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</tbody>
</table>

FORMULATION GUIDELINES

Kostol ApiFree can be used in anhydrous formulations to improve slip and color deposition, as well as in emulsions to optimize stability. It can be used on its own or anywhere PEG-8 Beeswax is used. Usage levels will vary from 2-8% depending on the system. Applications include creams, body butters, hair stylers, hair waxes, lipsticks, liquid lipsticks, and mascaras.

REGULATORY

INCI NAME: Behenyl Behenate, Polyhydroxystearic Acid, Polyglyceryl-10 Stearate, Euphorbia Cerifera (Candelilla) Wax, Sodium Stearyl Lactylate

CAS#: 17671-27-1, 58128-22-6, 79777-30-3, 8006-44-8, 25383-99-7

EINECS#: 241-646-5, 500-140-7, not assigned, 232-347-0, 246-292-7

KOSTER KEUNEN CODE#: 10000

TRADE NAME: Kostol Apifree

MINIMUM SHELF LIFE: 2 years

CANADA: Components listed
JAPAN: Unknown at time of print
CHINA: Unknown at time of print
AUSTRALIA: Unknown at time of print
REACH: Unknown at time of print

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