Cosmetic Raw Material

Rheopearl MKL2

Rheopearl MKL2 is able to make the most transparent oil gel in the Rheopearl series

Functions
Rheopearl MKL2 has 5 functions as well as Rheopearl KL2 (Dextrin Palmitate), which is the most popular grade in the Rheopearl series.
1. Gelling of oils
2. Increase in viscosity of oils
3. Stabilization of emulsion system
4. Pigment dispersion aid
5. Rheological modification of wax

Characteristics
Oil gel by Rheopearl MKL2 is more transparent in the widely range of temperature (0–40°C) than Rheopearl KL2.

<table>
<thead>
<tr>
<th>Function</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-OD</td>
<td>2-Octyldecanol</td>
</tr>
<tr>
<td>TIO</td>
<td>Triethylhexanoin</td>
</tr>
<tr>
<td>ODO</td>
<td>Caprylic/Capric triglyceride</td>
</tr>
<tr>
<td>MOD</td>
<td>Octyldecanol Myristate</td>
</tr>
<tr>
<td>LP</td>
<td>Mineral Oil</td>
</tr>
<tr>
<td>SQ</td>
<td>Squalane</td>
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</tbody>
</table>

![Graph showing transmittance comparison between MKL2 and KL2](chart.png)
**Product Name**
Rheopearl MKL2

**Chemical Name**
Dextrin Myristate

**Chemical Structure**

A: Myristoyl group  
or Hydrogen

\[ \text{H} \quad \text{O} \quad \text{A} \quad \text{H} \quad \text{O} \quad \text{H} \quad \text{O} \quad \text{A} \quad n \]

**Safety data**
We don’t have any data about Rheopearl MKL2. But we have safety data about Dextrin Myristate made with different catalyst (Trade Name: Rheopearl MKL).

**Patent information**
Chiba Flour Milling Co., LTD in Japan is the only manufacturer of Dextrin Myristate in the world.
Chiba Flour Milling Co., Ltd has patents concerning Dextrin Myristate.