Product Datasheet

Dehyquart® H 81
PRD 30528629

Valid since 20.11.2012
Revision 3.0
Page 1 of 3

® = registered trademark of BASF ™ = Trademark of BASF

General characterisation

Chemical description
Polyglycol-Polyamine Condensation Resin

Labeling information

INCI name(s)
PEG-15 Cocopolyamine

Ingredient information

Ingredient  CASR-No.  EINECS/ELINCS-No.
PEG-15 Cocopolyamine  68584-77-0  polymer

Product properties

Appearance
Dehyquart® H 81 is a turbid, slightly yellowish to yellowish liquid with a mild inherent odor.

Example of use
On account of its pseudo cationic character, Dehyquart® H 81 has a positive influence on hair products. The compatibility with anionic surfactants allows its universal application as a conditioning component in shampoos and hair aftertreatment agents.
Characteristic values
The specifications stated in the paragraphs 'Quality control data' and 'Additional product descriptive data' finally and conclusively describe the properties of the product.

Quality control data
(Data which is used for quality release and is certified for each batch.)

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor evaluation versus standard</td>
<td>corresponds to the standard</td>
<td></td>
</tr>
<tr>
<td>Visual appearance versus standard</td>
<td>corresponds to the standard</td>
<td></td>
</tr>
<tr>
<td>Water</td>
<td>49.0 - 51.0 %</td>
<td>DGF C-III 13A</td>
</tr>
<tr>
<td>Active matter</td>
<td>49.0 - 51.0 %</td>
<td>Internal Method 96000301</td>
</tr>
<tr>
<td>pH value (5 % sol.)</td>
<td>5.0 - 6.0</td>
<td>DGF H-III 1</td>
</tr>
</tbody>
</table>

Storage and transportation

Shelf life
12 months

Storage temperature
< + 30 °C

Storage conditions
In original sealed containers and protected from moisture.

Additional information
Because of the high salt content owns Dehyquart® H 81 a corrosion risk for stainless steel containers. Store frost-free.

Stabilising additives / Auxiliaries
The Product is unpreserved
Product Datasheet

Dehyquart® H 81

PRD 30528629

Valid since 20.11.2012
Revision 3.0
Page 3 of 3

® = registered trademark of BASF
™ = Trademark of BASF

Care Chemicals

Disclaimer

This document, or any answers or information provided herein by BASF, does not constitute a legally binding obligation of BASF. While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. It does not relieve our customers from the obligation to perform a full inspection of the products upon delivery or any other obligation. NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE.