Product Data Sheet

GLUADIN® WK

General characterisation
Chemical description
protein fatty acid condensate

Labeling information
INCI name(s)
Sodium Cocoyl Hydrolyzed Wheat Protein

Registrations
<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CASR-No.</th>
<th>EINECS/ELINCS-No.</th>
<th>BAG T No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>post reacted polymers</td>
<td>68188-38-5</td>
<td>204-589-7</td>
<td>611500</td>
</tr>
<tr>
<td>122-99-6</td>
<td>99-76-3</td>
<td>202-785-7</td>
<td></td>
</tr>
<tr>
<td>120-47-8</td>
<td>204-399-4</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Officially listed in / Quality conforms to
- 

Product properties
Appearance
GLUADIN® WK is a clear, amber liquid with mild inherent odour.

Example of use
GLUADIN® WK belongs to the product group of the protein fatty acid condensates, which - owing to its excellent physiological properties - is suited for use in mild shower and bath preparations as well as in shampoos and body cleansers.

Preservation note: Protein hydrolyzates/derivatives in general may cause incompatibilities with Kathon CG (INCI: Methylchloroisothiazolinone (and) Methylisothiazolinone) depending on concentration and pH.

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>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>conforms to standard</td>
</tr>
<tr>
<td>Odour</td>
<td>conforms to standard</td>
</tr>
<tr>
<td>Dry substance</td>
<td>30.0 - 35.0 %</td>
</tr>
</tbody>
</table>
Total nitrogen 2.5 - 3.5 %  Q-C 2074.0 (Dumas)

pH-value (20 °C)(undiluted)  6.5 - 8.0  DGF H-III 1 mod.

Colour (Gardner)  max. 10  DGF C-IV 4c mod.

Additional product descriptive data
(Data which is proven statistically but not determined regularly.)

Viscosity 20°C  max. 900 mPas

Storage and transportation
During prolonged storage Gluadin® WK may become turbid. This does not influence the dermatological and application properties. If room temperature is exceeded Gluadin® WK becomes darker. In unopened original containers and in cool and dry environment Gluadin® WK remains stable for at least two years. Gluadin® WK is preserved with a mixture of methyl paraben, ethyl paraben and phenoxyethanol.

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