Pancil FG-70

Origin
Pancil FG-70 is an aqueous solution of persimmon extract that is obtained from the fruit of *Diospyros kaki* Thunberg (*Ebenaceae*) and stabilized with glycerin, organic acids, etc.

Characteristics
It has a strong deodorant effect on various offensive odors caused by nitrogen compounds, volatile sulfur compounds, short-chain fatty acids, etc.

It also has a strong deodorant effect on acetaldehyde and formaldehyde odors generated from interior materials, paints, cigarettes, etc.

[Safety]
Acute toxicity: Single oral administration toxicity (2,000 mg/kg)

Description
1. Appearance  ················  colorless liquid
2. Odor  ················  practically odorless
3. pH  ················  6.2-7.2
4. Solubility  ················  freely soluble in water

Deodorant performance
5% aqueous solution of Pancil FG-70 (1g) [deodorant effect after 30 minutes]

<table>
<thead>
<tr>
<th>Malodorous substance (ppm)</th>
<th>Deodorant rate (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonia (150)</td>
<td>99.9&lt;</td>
</tr>
<tr>
<td>Trimethylamine (20)</td>
<td>98.5&lt;</td>
</tr>
<tr>
<td>Hydrogen sulfide (20)</td>
<td>94.0</td>
</tr>
<tr>
<td>Acetic acid (50)</td>
<td>98.0</td>
</tr>
<tr>
<td>Isovaleric acid (50)</td>
<td>98.3&lt;</td>
</tr>
<tr>
<td>Acetaldehyde (100)</td>
<td>99.5&lt;</td>
</tr>
<tr>
<td>Formaldehyde (30)</td>
<td>99.5&lt;</td>
</tr>
<tr>
<td>Nonenal (5)</td>
<td>93.2</td>
</tr>
<tr>
<td>Diacetyl (1000)</td>
<td>97.5</td>
</tr>
</tbody>
</table>

Concentration of use: 3 to 5 w/v% is recommended for use.

*Release Science and Technology Co., Ltd.*
20-13, 1-chome, Mitsuya-minami, Yodogawa-ku, Osaka 532-0035, Japan
Tel +81-6-6304-1810
Fax +81-6-6304-1820