# MATERIAL SPECIFICATION

<table>
<thead>
<tr>
<th>Product Name</th>
<th>LEVULINIC ACID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
<td>800156</td>
</tr>
<tr>
<td>CAS Number</td>
<td>123-76-2</td>
</tr>
<tr>
<td>USCAS Number</td>
<td>123-76-2</td>
</tr>
<tr>
<td>EINECS Number</td>
<td>204-649-2</td>
</tr>
<tr>
<td>FEMA Number</td>
<td>2627</td>
</tr>
<tr>
<td>Description</td>
<td>LEVULINIC ACID</td>
</tr>
</tbody>
</table>

**ODOUR (No Dilution)**
To match the current internal standard

**PHYSICAL STATE**
Solid or Liquid

**REFRACTIVE INDEX @20°C**
1.4350 to 1.4500

**PURITY %**
98.00 to 100.00

**APPEARANCE**
Colourless to pale yellow solid

**FLASH POINT (°C)**
98.00

**SHELF LIFE (MONTHS)**
12

**STORAGE RECOMMENDATIONS**
Sealed containers in a cool dark place. Check quality before use.

Disclaimer: This product has not been tested, nor deemed safe, for use in electronic cigarettes or other similar devices ("E-Cigarettes"). De Monchy Aromatics Limited instructs all customers not to use this material in the manufacture and distribution of E-Cigarettes or any component thereof unless each customer takes all necessary steps to ensure its suitability and safety for use in E-Cigarettes. Any use of this product in the manufacture and distribution of E-Cigarettes or any component thereof shall be at the sole risk and responsibility of the customer. Please refer to clauses 7.3 and 7.5 of the our General Terms & Conditions of Sale for the consequences of failing to follow these instructions.

This information is valid when issued by De Monchy Aromatics Ltd or any of its subsidiaries.