March 8, 2016

Letter of Continuing Guarantee

We guarantee that, as of the date of each shipment of the following products to Tilley Chemical, Baltimore, MD such products are not adulterated or misbranded within the meaning of the Federal Food, Drug and Cosmetic Act or of any applicable state law in which the definitions of adulteration and misbranding are substantially the same.

<table>
<thead>
<tr>
<th>Brand</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Macron Fine Chemicals™</td>
<td>4880</td>
<td>CALTAC FCC (calcium chloride, anhydrous)</td>
</tr>
</tbody>
</table>

We hereby further guarantee that, as of the date of each shipment, no such products are products which may not, under the provisions of Sections 404, 505, and 512 of the Federal Food, Drug and Cosmetic Act, be introduced into interstate commerce.

This guarantee shall be of no effect in any instance where the particular use by Tilley Chemical, Baltimore, MD of any product to which this guaranty would otherwise apply is a use which is not in accordance with the requirements of the Federal Food, Drug and Cosmetic Act or of applicable state laws.

This guarantee shall be a continuing guarantee and shall continue in effect until we, the undersigned shall revoke it in writing or until three years from the date hereof, whichever date is shorter.

James T. Ethier
VP, Global Quality
Avantor™ Performance Materials, Inc.