Esterification

<table>
<thead>
<tr>
<th>Step</th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td><strong>AA-100™</strong> Soya Acid Xylene</td>
<td>285 parts</td>
</tr>
<tr>
<td>2</td>
<td>SAA Fatty Ester Maleic Anhydride 10% Iodine in Xylene Glycol Ether PNP</td>
<td>502 parts 41 parts 0.5 parts 120 parts</td>
</tr>
</tbody>
</table>

These materials are stirred for 7 hours at 250°C under nitrogen with continuous removal of water and recycling of xylene. About 19 parts of water are obtained. The acid number of the SAA Fatty Ester produced in this step is 16-17.

The adduct solution from step 2 is treated with aqueous ammonia to a pH between 8 and 9. It is then diluted with the mixture of PNP1 and water to give a clear emulsion.

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