September 23, 2002

SUBJECT: PRODUCT CHEMISTRY REVIEW OF:

Solvent Free Disinfectant Wipes

TO: Velma Noble / Eric Brewer
PM Team 31

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APPLICANT: Stepan Co.

Product Formulation
Active Ingredient(s)

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>% by wt.</th>
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</thead>
<tbody>
<tr>
<td>Alkyl (50% C_{14}, 40% C_{12}, 10% C_{10})</td>
<td></td>
</tr>
<tr>
<td>dimethyl benzyl ammonium chloride</td>
<td>0.05320</td>
</tr>
<tr>
<td>Octyl decyl dimethyl ammonium chloride</td>
<td>0.03990</td>
</tr>
<tr>
<td>Dioctyl dimethyl ammonium chloride</td>
<td>0.01995</td>
</tr>
<tr>
<td>Didecyl dimethyl ammonium chloride</td>
<td>0.01995</td>
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</tbody>
</table>
BACKGROUND:

The registrant is requesting a registration of the alternative formulation CSF. The product to be used is Solvent Free Disinfectant Wipes. The end-use product is a disinfectant, deodorizer, and it is used as an all purpose cleaner.

FINDINGS:

1. The registrant has submitted the following: a letter dated 8/30/02, and the Confidential Statements of Formula dated 10/04/01 and 8/21/02, and the label.

2. The CSF, dated 10/04/01, is obsolete.

3. The CSF, dated 8/21/02, is the revised CSF.

4. The CSF, dated 8/21/02, for alternative formulation 5, and the label are in compliance with the guidelines. The CSF and the label have the same nominal.

5. The certified limits for the alternate #5 are within EPA standard certified limits.

6. The inert is the result of two components with the & both in one product.

CONCLUSION

The CSF, dated 8/21/02, for alternative formulation 5 is acceptable. The CSF and the label have the same nominal.

INERT INGREDIENT INFORMATION IS NOT INCLUDED