

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Washington, D.C. 20460



OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES  
Antimicrobials Division

August 29, 2002

**SUBJECT: PRODUCT CHEMISTRY REVIEW OF:**

**Solvent Free Disinfectant Wipes**

**DP Barcode: D284551**

**Manufacturing-use []**

**OR**

**Reg. No. Or File Symbol: 1839-178**

**End-use Product [X]**

**TO:** Velma Noble / Eric Brewer  
PM Team 31

**FROM:** Juan F. Negrón, Chemist  
Product Science Branch, CT Team  
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**THRU:** Karen P. Hicks, CT Team Leader  
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**THRU:** Michele E. Wingfield, Chief  
Product Science Branch  
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**APPLICANT:** Stepan Co.

**Product Formulation**

**Active Ingredient(s)**

**% by wt.**

Alkyl (50% C <sub>14</sub> , 40% C <sub>12</sub> , 10% C <sub>16</sub> )	
dimethyl benzyl ammonium chloride	0.05320
Octyl decyl dimethyl ammonium chloride	0.0399
Dioctyl dimethyl ammonium chloride	0.01995
Didecyl dimethyl ammonium chloride	0.01995

## **BACKGROUND:**

The registrant is requesting a registration of the alternative formulation CSFs. 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: letters dated 7/16/02 & 8/22/02, Application for Pesticide (EPA Form 8570-1), and the Confidential Statements of Formula dated 10/04/01, 07/15/02, and 8/21/02.
2. The CSFs, dated 10/04/01 & 07/15/02, are obsolete.
3. The CSFs, dated 8/21/02, is the revised CSF.
4. The CSF, dated 8/21/02, for the alternative formulation 4, and the label are in compliance with the guidelines. The CSF and the label have the same nominal.
5. 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. However, the registrant did not sign the form. Box 16, 18 & 19 are blank.
6. The certified limits for both the alternatives #4 & #5 are within EPA standard certified limits.

## **RECOMMENDATION**

1. The registrant must sign the alternative formulation #5 form on the CSF.

## **CONCLUSION**

The CSF, dated 8/21/02, for alternative formulation 4 is acceptable. However, the CSF, dated 8/21/02, for alternative formulation 5 is acceptable with comment. The registrant must sign the CSF form for the alternative formulation #5 in box 16. The registrant must type the information concerned in box 18 & 19.