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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

August 2, 1999

MEMORANDUM:

Subject: Product Efficacy Review for EPA Reg. No.: 1839-95 / NP 4.5 (D&F)
DP Barcode: D254135
Case No: 033962

To: Velma Noble, PM 31 / Jackie Campbell
Regulatory Management Branch
Antimicrobials Division (7510C)

From: Ian D. Blackwell, M.S., Biologist
Efficacy Evaluation Team
Efficacy and Science Support Branch
Antimicrobials Division (7510C)

Through: John W. Newland, Ph.D., J.D., Team Leader
Efficacy Evaluation Team
Efficacy and Science Support Branch
Antimicrobials Division (7510C)

Michele E. Wingfield, Chief
Efficacy and Science Support Branch
Antimicrobials Division (7510C)

Applicant: The Stephan Company

FORMULATION FROM LABEL:

Active Ingredient(s):	% by wt.
Alkyl dimethyl benzyl ammonium chloride	2.25
Alkyl dimethyl ethylbenzyl ammonium chloride	2.25
Other Ingredient(s):	95.50
Total:	100.00%

BACKGROUND: The Stephan Company has submitted an AOAC Use-Dilution Method Test against Vancomycin-Resistant *Staphylococcus aureus* (VRSA) to support additional label claims. This study was conducted by ViroMed Laboratories. The MRID number is 447667-01.

RECOMMENDATIONS: ESSB findings are:

MRID No. 477667-01: AOAC Use-Dilution Method test of NP 4.5 (D&F) Detergent Disinfectant Against Vancomycin-Resistant *Staphylococcus aureus* (VRSA, HIP-5836), written by Ross R. Kamerud, R.M., ViroMed Biosafety Laboratories, Inc. Dated 2/2/99.

The submitted data, conducted by the AOAC Use-Dilution Method, are acceptable to support claims of antimicrobial efficacy against Vancomycin-Resistant *Staphylococcus aureus* (VRSA, HIP-5836) when tested at a 2:128 dilution with a contact time of ten minutes on hard, non-porous surfaces in the presence of a 5% soil load at 20 °C.

LABELING:

No labeling changes are recommended at this time.