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HEALTH EFFECTS DIVISION
SCIENTIFIC DATA REVIEWS
EPA SERIES 361

JUN 19 1997

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Mr. Plinio Goes
Dow Corning Corporation
P.O. Box 994
Midland, Michigan 48686-0994

Subject: Case 3148, Trimethoxysilyl Quats, A.I. 107401
Trimethoxysilyl dimethyl octadecyl ammonium chloride,
Status of Environmental Fate and Ecological Effects Data Requirements

Dear Mr. Goes:

This letter addresses the May 17, 1996, letter from Dr. David E. Powell regarding the review of the analytical methods used to evaluate the toxicity of Dow Corning Antimicrobial Agent (DC-5772), also known as Dow Corning Q9-6346 Silane in aquatic environments and the hydrolysis data requirements.

Your submission has been reviewed. The issues regarding the analytical methods remain unresolved, however the Agency has determined that based on the available information and the current use pattern (indoor non-food and residential), no additional data will be required. If additional uses that would result in increased exposure to the outdoor environment are added, the Agency may require Dow Corning to resolve the problems with the analytical methods.

If you have any questions concerning this letter or this case, please contact Conchi Rodríguez at 703-308-8068.

Sincerely yours,

Walter I. Waldrop
Walter I. Waldrop, Chief
Reregistration Branch III
Special Review and Reregistration Division



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Chemical: 1-Octadecanaminium, N,N-dimethyl-N-(3-(t

PC Code: 107401

HED File Code 61200 SRRD CDC

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