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2012 FEB 28 AM 11:30

February 27, 2012

Via Federal Express

Document Processing Center (Mail Code 7407M)
Room 6428
Attention: 8(e) Coordinator
Office of Pollution Prevention and Toxics
U.S. Environmental Protection Agency
1201 Constitution Ave., NW
Washington, DC 20004



Dear 8(e) Coordinator:

2-Pyridinesulfonamide, 3-(ethylsulfonyl)-
CAS#: 117671-01-9

This letter is to inform you of the results of a biodegradation study with the above referenced test substance.

This study was conducted at a concentration of 100 mg/L test substance, and the results were calculated based on ThBOD values (1.152 mg O₂/mg test substance and for the standard control 0.683 mg O₂/mg sodium acetate). The control flask showed 80% biodegradation at day 7, verifying the viability of the inoculum. The mean percentage biodegradation for the three flasks containing the test substance was 9% at day 7 and 31% at day 28. It was therefore concluded that the test substance was only partially biodegradable under these test conditions.

This information is submitted in accordance with current guidance issued by EPA indicating EPA's interpretation of Section 8(e) of the Toxic Substances Control Act or, where it is not clear that reporting criteria have been met, it is submitted as a precautionary measure and because it is information in which EPA may have an interest.

Sincerely,

S. Satheesh Anand, Ph.D., DABT
Senior Research Toxicologist

SSA/FXH: jhh
(302) 366-5314



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