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Document Processing Center (Mail Code 7407M)  
Room 6428  
Attention 8(e) Coordinator  
Office of Pollution Prevention and Toxics  
U.S. Environmental Protection Agency, ICC Building  
1201 Constitution Ave., NW  
Washington, D.C. 20460

MIR

241645

Dear 8(e) Coordinator:

Copper Hydroxide  
CAS# 20427-59-2

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This letter is to inform you of the results of a recently completed acute algal study with an R&D proprietary mixture containing approximately [ ] of the above referenced substance.

The test mixture was evaluated for acute toxicity to *Pseudokirchneriella subcapitata* (formerly known as *Selenastrum capricornutum*) in a 72-hour test. Algae were exposed to a culture medium blank control and nominal concentrations of 78, 130, 216, 360, or 600 µg/L of the test mixture. Effects were expressed as percent inhibition in growth based on nominal concentrations and 72-hour mean healthy cell count, area under the growth curve, or growth rate relative to the blank control.

The most sensitive parameter was area under the growth curve with an EC<sub>50</sub> of 166.4 µg/L and a NOEC of 78 µg/L.

The results described above are being reported in accordance with the guidance given in the EPA TSCA Section 8(e) Reporting Guide (June 1991).



Sincerely,

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