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Room 6428
Attention: 8(e) Coordinator
Office of Pollution Prevention and Toxics
U.S. Environmental Protection Agency
1201 Constitution Ave., NW
Washington, D.C. 20460



Dear 8(e) Coordinator:

8EHQ-06-16452
Perfluorocarboxylate salt

This letter is to inform you of the results of a recently conducted acute oral toxicity study in rats with the above referenced test substance.

A single dose of test substance was administered by oral gavage to 1 fasted female rat at a dose of 175 mg/kg, to 2 fasted female rats at a dose of 550 mg/kg, to 4 fasted female rats at a dose of 1750 mg/kg, and to 3 fasted female rats at a dose of 5000 mg/kg. The rats were dosed one at a time at a minimum of 48-hour intervals. All rats were observed for mortality, body weight effects, and clinical signs for up to 14 days after dosing. The rats were necropsied to detect grossly observable evidence of organ or tissue damage.

Death occurred in 1 of the 4 rats dosed at 1750 mg/kg and in all 3 rats dosed at 5000 mg/kg. The estimated oral LD₅₀ is 1750 mg/kg in female rats. The rat dosed at 175 mg/kg exhibited abnormal gait on test days 0 (day of dosing) and 1 day after dosing, and high posture on test days 2-6. One of the rats dosed at 1750 mg/kg exhibited clear oral discharge on test day 0 and was found dead on test day 1. A surviving rat dosed at 1750 mg/kg exhibited high posture and salivation on test day 0. Another surviving rat dosed at 1750 mg/kg exhibited ataxia and salivation on test day 0 and high posture on test days 0-2. Clear oral discharge was observed on test day 0 in the remaining rat dosed at 1750 mg/kg. Two rats dosed at 5000 mg/kg exhibited high posture and were found dead on the day of dosing. The remaining rat dosed at 5000 mg/kg exhibited ataxia, lethargy, and low posture and was found dead on the day of dosing.

Sincerely,



Company Sanitized

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