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Submitting Organization		CONFIDENTIAL			
Contractor					
Document Title		INITIAL SUBMISSION: LETTER FROM [] TO USEPA RE RESULTS IN REPEATED DOSE (ORAL GAVAGE) DEVELOPMENTAL TOXICITY PROBE IN RATS W/CYCLOPROPANECARBOXYLIC ACID*, DATED 120699 (SANITIZED)			
Chemical Category		CYCLOPROPANECARBOXYLIC ACID, 3-(2-CHLORO-3,3,3-TRIFLUORO-1-*			

**INITIAL
SUB-
MISSION**

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December 6, 1999

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Office of Toxic Substances
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460
Attn: 8(e) Coordinator

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Re: cyclopropanecarboxylic acid, 3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethyl-,cyano(3-phenoxyphenyl)methyl ester, [1R-[1.alpha.(s*),3.alpha.(Z)]]
CASRN 76703-62-3

Dear 8(e) Coordinator:

hereby submits the following information under Section 8(e) of the Toxic Substance Control Act. While the submitter does not necessarily believe the information indicates a significant risk of injury to health or the environment, EPA guidance seems to indicate that these effects in laboratory animals should be reported to the Agency.

Groups of pregnant CD rats were administered the substance by oral gavage in a repeated dose developmental toxicity probe at 0, 1.5, 10 and 15 mg/kg/day to select the dose level for a definitive teratology study. Neurologic toxicity was observed in rats given 5 or more mg/kg/day. Observations included incoordinated gait, dragging of hindquarters, knuckling, splayed hindlimbs, and two dams experienced clonic convulsions.

Because of an initial determination that the dose levels described above exceeded the Maximum Tolerated Dose (MTD) an additional dose group was added to the study at 2.5 mg/kg/day. Incoordinated gait was observed in 25% of the dams.

Questions concerning these findings may be directed to the undersigned.

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