

1P

8EHQ-0102-15057

AR 226 - 1057

54417

RECEIVED
EPPS

2002 JAN 22 10:10

DuPont Haskell Laboratory
for Health and Environmental Sciences
Elkton Road, P.O. Box 50
Newark, DE 19714-0050

January 17, 2002

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, ICC Building
1201 Constitution Ave., NW
Washington, DC 20460RECEIVED
2002 FEB - 7 11:10

Contains NO CBI

Dear 8(e) Coordinator:

Mixture of

Poly(difluoromethylene), α -fluoro- ω -[2-(phosphonooxy)ethyl]-, monoammonium salt (CAS # 65530-71-4); Poly(difluoromethylene), α -fluoro- ω -[2-(phosphonooxy)ethyl]-, diammonium salt (CAS # 65530-72-5); Poly(difluoromethylene), α , α' -[phosphinicobis(oxy-2, 1-ethanediyl)]bis[ω -fluoro-], ammonium salt (CAS # 65530-70-3); Isopropyl Alcohol (CAS # 67-63-0); and Water (CAS # 7732-18-5)

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

Three groups of 6 male Crl:CD[®](SD)IGS BR rats each were exposed nose-only for a single, 4-hour period to aerosols of the test mixture in air at concentrations of 120, 57, or 23 mg/m³. Rats were weighed and observed for clinical signs of toxicity during a 14-day recovery period.

All rats exposed to 120 mg/m³ and 3 of 6 rats exposed to 57 mg/m³ died within 1 day of exposure. All rats exposed to 23 mg/m³ survived the exposure and subsequent 14-day recovery period.

Clinical signs noted during the study included a diminished response to an auditory stimulus in rats during exposure to 120 or 57 mg/m³. In addition, rats exposed to 120 mg/m³ exhibited lethargy, lung noise, and labored breathing immediately following exposure.

Under these experimental conditions, the acute toxicity described above appears to be reportable, based upon guidance given in the EPA TSCA Section 8(e) Reporting Guide (June 1991).

Sincerely,

A. Michael Kaplan, Ph.D.
Director - Regulatory Affairs

AMK/JRB:clp
(302) 366-5260



8EHQ-02-15057



88020000043