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E. I. du Pont de Nemours and Company
Haskell Laboratory for Toxicology and Industrial Medicine
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HASKELL LABORATORY REPORT NO. 565-81 [REDACTED]

<u>Material Tested</u>	<u>Haskell No.</u>	<u>Other Codes</u>
[REDACTED]	14,094	[REDACTED]
[REDACTED]	14,121	[REDACTED]
Octanoic acid, pentadecafluoro-, ammonium salt*	12,037	[REDACTED]

Study Initiated/Completed
6/25/81 - 8/14/81

Material Submitted by
[REDACTED]
CR&D Department
Haskell Laboratory

ACUTE ORAL TOXICITY COMPARISON TEST IN RATS

Procedure: The test materials, as suspensions in corn oil, were administered by intragastric intubation in single doses to 9 groups (10 per group) of young adult Crl:CD® male rats. Three dose levels (30 rats) were used for each test material. The surviving rats were weighed and observed during a 14-day recovery period and then sacrificed.

Results:

<u>Dose (mg/kg)</u>	<u>Average Body Weight (g)</u>	<u>Suspension (Z)</u>	<u>Average Dose (mL)</u>	<u>Mortality Ratio</u>
H-14,094				
670	256	4.0	4.28	9/10
480	256	2.7	4.55	4/10
200	250	1.1	4.55	0/10

Results: (Cont'd.)

<u>Dose (mg/kg)</u>	<u>Average Body Weight (g)</u>	<u>Suspension (%)</u>	<u>Average Dose (mL)</u>	<u>Mortality Ratio</u>
H-14,121				
670	260	4.0	4.36	10/10
480	253	2.7	4.49	10/10
200	258	1.1	4.69	0/10
H-12,037				
670	258	4.0	4.32	10/10
480	251	2.7	4.47	6/10
200	253	1.1	4.61	0/10

Clinical Signs:

H-14,094 Stained and/or wet perineal area and weight loss at all levels tested.
Stained face at 200 and 670 mg/kg.
Weakness at 480 and 670 mg/kg.
Chromodacryorrhea at 200 mg/kg.
All deaths occurred within 4 days after dosing.

H-14,121 Stained and/or wet perineal area, stained face and weight loss at all levels tested.
Weakness at 480 and 670 mg/kg.
Lethargy at 670 mg/kg.
All deaths occurred within 4 days after dosing.

H-12,037 Stained and/or wet perineal area, stained face and weight loss at all levels tested.
Weakness at 480 and 670 mg/kg.
Diarrhea at 480 mg/kg.
Alopecia at 200 mg/kg.
All deaths occurred within 4 days after dosing.

Summary: [REDACTED] (H-14,094), [REDACTED] (H-14,121) and ammonium perfluorooctanoate (H-12,037) were administered as single oral doses to young adult Crl:CD[®] male rats. H-14,121 produced more deaths at the middle level tested (480 mg/kg) than the other 2 test materials; however, overall the 3 test materials appear to have similar toxicities. The 3 test materials produced similar clinical signs and all deaths occurred within 4 days after dosing.

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H-14,094

Synonyms: [REDACTED]

Purity: [REDACTED]

CAS Registry Number: [REDACTED]

H-14,121

Synonyms: [REDACTED]

Purity: [REDACTED]

Contaminants: [REDACTED]

CAS Registry No.: [REDACTED]

H-12,037

Synonyms: [REDACTED]

o Ammonium perfluorooctanoate

o C-8

Purity: [REDACTED]

Contaminants: [REDACTED]

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LH:jrg:WP:1.8

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