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HASKELL LABORATORY REPORT NO. 682-80 [REDACTED]

Material Tested
Octanoic Acid, pentadecafluoro-,
ammonium salt*

Haskell No.
12,037

Other Codes
[REDACTED]

Study Initiated/Completed
8/12/80 - 9/3/80

Material Submitted by
[REDACTED]
CR&D Dept.
Haskell Laboratory

SKIN ABSORPTION LD50 - FEMALE RATS

Procedure: Two groups of Chr-CD female rats, 5 rats per group, were clipped free of hair over the back and trunk area. The test material, as a 50/50 aqueous suspension was applied to the back of each rat under a square of aluminum foil and held in place with 3" Elastoplast®. After 24 hours exposure the rats were unwrapped, sponged off with a mild detergent, rinsed, dried and returned to cages for 14 days observation or until death. Surviving rats were sacrificed.

Results:

<u>No. of Animals</u>	<u>Dose (mg/kg)</u>	<u>Active Ingredient Average Dose (g)</u>	<u>Average Weight (g) Initial/Final</u>	<u>Mortality</u>
5	7,500	1.38	183 226	1/5
5	5,000	0.96	191 235	0/5

Clinical Signs:

7,500 mg/kg Mild skin irritation, stained face, wet and stained perineal area and initial weight loss. Death occurred 3 days after treatment.

5,000 mg/kg Mild skin irritation and intermittent weight loss.

Summary: Octanoic Acid, pentadecafluoro-, ammonium salt is slightly toxic in female rats by skin absorption; its LD50 is greater than 7,500 mg/kg, the maximum feasible dose.

All rats dosed at 7,500 and 5,000 mg/kg had mild skin irritation and initial weight loss.

*

Other Name: [REDACTED]

Composition: [REDACTED]

Contaminants: [REDACTED]

Report by:

John E. Henry

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Study Director: O. L. Dashiell

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