

EMPIRICAL FORMULA: $C_8F_{15}K_2$

STRUCTURAL FORMULA: $C_8F_{15}CO_2K$

NAME: Potassium
perfluorooctanoate
(3802-52)

TEST: routine toxicity screening

TEST ORGANISM: mice

DOSE OR CONCENTRATION: administered orally by stomach tube in
50% alcohol solution

DESCRIPTION OF TEST:

RESULT OF TEST:	Dose mg. per kg. of body weight	Deaths	Survivals
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0.5

0

1

5

0

1

50

0

1

500

1

0

5000

1

0

REFERENCE: Report #4598 (6/29/54)

SCREENING AGENCY: F. D. Snell Inc.

DATE SUBMITTED: 6/2/54

FORM 858-B

EMPIRICAL FORMULA: $C_8F_{15}O_2Na$

Sodium L-1057

NAME: n-perfluorooctanoate

STRUCTURAL FORMULA: $n-C_8F_{15}CO_2Na$

TEST: ID₅₀ Determination

TEST ORGANISM: Rats (male) of the Sprague Dawley strain weighing
250 grams, housed in individual screen bottom cages & fed water &
DOSE OR CONCENTRATION: laboratory chow ad libitum.

Material diluted in water was administered via stomach tube.

DESCRIPTION OF TEST: Animals observed for 2 weeks following
treatment

RESULT OF TEST:	Dose mgs. per kilogram of body weight			
	300	387	400	500

Rats treated

2

2

4

2

Rats killed

0

1

2

2

approximate LD₅₀ - 400 mg. per kg. of body weight

REFERENCE: WARP No. 4050274

P.H. Dorse

Screening Agency

8/25/54

Date Submitted 8/12/54 WHP

Exhibit

2559

State of Minnesota v. 3M Co.,
Court File No. 27-CV-10-28862

EMPIRICAL FORMULA: $C_8F_{15}NO_2$

NAME: Perfluorocaprylic acid

STRUCTURAL FORMULA: $C_7F_{13}CO_2H$

TEST: Toxicity

TEST ORGANISM: Mice (Female, albino 20-30 gram weight)

DOSE OR CONCENTRATION: Graded doses Solvent: propylene glycol

DESCRIPTION OF TEST: Cps. admin. by IP. inj. into single mice.

RESULT OF TEST:

	<u>Dosage</u>	<u>24-hour Mortality</u>
Maximal nonlethal dosage	210 mg/kg	0/2
Minimal lethal dosage	260 mg/kg	3/3

REFERENCE:

SCREENING AGENCY: Dept. of Pharmacology
U of Rochester

DATE SUBMITTED: 11/30/56

EMPIRICAL FORMULA: $C_8F_{17}LiO_3S$

NAME: FX-129 or L-1014

STRUCTURAL FORMULA: $C_8F_{17}SO_3Li$

TEST: routine toxicity screening

TEST ORGANISM: rats

DOSE OR CONCENTRATION: see results

DESCRIPTION OF TEST: Material administered orally by stomach tube in alcohol solution

RESULT OF TEST:

<u>Dose</u> <u>mg. per kg. of body weight</u>	<u>Deaths</u>	<u>Survivals</u>
0.5	0	1
5	0	1
50	0	1
500	1	0
5000	1	0

REFERENCE: 5000

Code 17

SCREENING AGENCY: Foster D. Snell, Inc.

Report #5898 - 3/22/56

DATE SUBMITTED: 2/21/56

FORM KES11B

236-2B