Cal/Ecotox
Toxicity Data for Striped Skunk (Mephitis mephitis)*

Chemical	Tox Exposure	Endpoint Type	Endpoint Description	Endpoint Value	Note	Reference
PARA-AMINOPROPIOPHENONE	3 doses	TOX-MORT - toxicity benchmarks	LD50	> 400 mg/kg	a	1
SODIUM MONOFLUOROACETATE	secondary; 4; 50; 100; 200; 400 mg to coyote	TOX-MORT - toxicity benchmarks	LD50; based on dose given to coyote; skunks were fed contaminated coyote tissue	165 mg administered to coyote (95%CI; 107 - 392 mg)	b	2
SODIUM MONOFLUOROACETATE	0.125, 0.250, 0.5, 0.75 mg/kg	TOX-MORT - toxicity benchmarks	median lethal dose	0.347 mg/kg (95% CI; 0.212 - 0.541 mg/kg)	c	3

Notes

a NR; Lab; NR; Species - California (R)=Mephitis mephitis; TOX - Chemical=70-69-9; N=2/dose; Tox Exp Tech=gavage; Tox Exp Dur=single; Tox Study Dur=7 d; Tox Stat Sig=NR; body weight range = 1.4 - 3.6 kg

b NR; Lab; NR; Species - California (R)=Mephitis mephitis; TOX - Chemical=62-74-8; TOX - Dose-Response Data Format=DR Table; N=1-8 per dose; Tox Exp Tech=diet; Tox Exp Dur=single; Tox Study Dur=4 d; Tox Stat Sig=NR

c NR; Lab; NR; Species - California (R)=Mephitis mephitis; TOX - Chemical=62-74-8; TOX - Dose-Response Data Format=DR Table; N=5-6 animals/dose; Tox Exp Tech=gavage; Tox Exp Dur=single; Tox Study Dur=7 d; Tox Stat Sig=NR

References

1 Savarie, Peter J., Huo Ping Pan, David J. Hayes, Jerry D. Roberts, Gary J. Dasch, Robert Felton and Edward W. Schafer, Jr. 1983. Comparative acute oral toxicity of para-aminopropiophenone (PAPP) in mammals and birds. Bull. Environ. Contam. Toxicol. 30:122-126.

2 Eastland, Warren G. and Samuel L. Beasom. 1986. Potential secondary hazards of Compound 1080 to three mammalian scavengers. Wildl. Soc. Bull. 14:232-233.

3 Eastland Warren G. and Samuel L. Beasom. 1987. Acute toxcicity of sodium monofluoroacetate to the striped skunk. Bull. Environ. Contam. Toxicol. 38:934-936.

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