



MAMMALIAN TOXICOLOGY OF ALKANE SULFONATES

Applicable to these current Stepan products:

BIO-TERGE® PAS-7S	BIO-TERGE® PAS-8S	
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Toxicological Information:

<u>Test/Conditions</u>	<u>Results/Classification</u>	<u>References</u>
Acute Oral Toxicity (rat)(14 day)	LD ₅₀ > 5000 mg/kg @ 31% (slightly toxic)	HPV Assessment (1)
Acute Dermal Toxicity (rabbit)(24 hr. occlusion)	LD ₅₀ > 5000 mg/l (slightly toxic)	HPV Assessment
Primary Skin irritation (rabbit) N=3 (24 hr. exposure)	0.5/8.0 (minimally irritating) @ 5% solution	Stepan Study # 97-008A
Primary Eye irritation (rabbit) N=3	13.3/110 @ 1 hr. (mildly irritating) @ 5% solution	Stepan Study # 97-008B
Dermal Sensitization (modified Buehler) guinea pigs	Not a dermal sensitizer at 5%	Stepan Study # 86-004A

References:

Alkyl Sulfates, Alkane Sulfonates and Alpha-Olefin Sulfonates: SIDS Initial Assessment Report, 2007.

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