Technical Information

Stepan

Stepan Company 22 West Frontage Road Northfield, Illinois 60093 Telephone (847) 446-7500

www.stepan.com

Customer Service: 1-800-457-7673 Technical Service: 1-800-745-7837



MAMMALIAN TOXICOLOGY OF ALKANE SULFONATES Applicable to these current Stepan products:

BIO-TERGE® PA S-7S

BIO-TERGE® PAS-8S

Toxicological Information:

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

References:

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

BIO-TERGE® is a registered trademark of Stepan Company.

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