Technical Information

Stepan

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ECOTOXICOLOGY OF IMIDAZOLINE QUATERNARIES

Applicable to these current Stepan products:

ACCOSOFT® 808	ACCOSOFT® 808-90	ACCOSOFT 980	
ACCOSOFT 980 PG			
Applicable to these inactive Stepan products:			
ACCOSOFT® 801	ACCOSOFT® 808 HT		

Toxicological Information:

Test/Conditions	Results/Classification	<u>References</u>
Aquatic Toxicology:		
Acute Toxicity	LC ₅₀ = 65 ppm	Industry Consortium Data
(bluegill) (96-hour)	(slightly toxic)	
(river water)	, , ,	
Acute Toxicity	LC ₅₀ = 22 ppm	Industry Consortium Data
(D. magna) (48 hr.)	(slightly toxic)	
(river water)	, ,	
Acute Toxicity	LC ₅₀ = 1000 ppm	Industry Consortium Data
(sheephead minnow)	(relatively harmless)	
(96 hr.)(marine water)	,	
Acute Toxicity	LC ₅₀ = 1.5 ppm	Industry Consortium Data
(mysid shrimp)	(moderately toxic)	
(96 hr.)	, , ,	

References:

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