



ECOTOXICOLOGY OF SODIUM LAURYL SULFOACETATE

Applicable to these current Stepan products:

LATHANOL® LAL Coarse	LATHANOL® LAL Flake	LATHANOL® LAL Powder
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Toxicological Information:

<u>Test/Conditions</u>	<u>Results/Classification</u>	<u>References</u>
Acute Aquatic Toxicity to Fish (Zebrafish) (96 hrs.)	LC ₅₀ = 4.2 - 6.37 mg/L (moderately toxic)	Stepan Study No. 04-015B & 18-002D
Acute Aquatic Toxicity to Invertebrates (<i>Daphnia magna</i>) (48 hrs.)	LC ₅₀ = 7.9 - 11.6 mg/L (slightly to moderately toxic)	Stepan Study No. 98-018A & 03-006G
Aquatic Toxicity to Alga (<i>Selenastrum capricornutum</i>) (72 hrs.)	EC ₅₀ = 6.8 mg/L (moderately toxic) NOEC = 0.86 mg/L	Stepan Study No. 03-006F
Chronic Aquatic Toxicity to Fish (Rare minnow) (28 days)	NOEC = 3.8 mg/L	Stepan Study No. 18-002E
Chronic Aquatic Toxicity to Invertebrates (<i>Daphnia magna</i>) (21 days)	NOEC = 4.76 mg/L	Stepan Study No. 18-002G
Toxicity to microorganisms (Activated sludge respiration inhibition test) (3 hr)	EC ₅₀ = 220 mg/L NOEC = 32 mg/L	Stepan Study No. 18-002A

References:

Stepan studies as indicated in the above table.

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