

BIODEGRADATION OF SODIUM LAURYL SULFOACETATE

Applicable to these current Stepan products:

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

Laboratory studies have shown that Sodium Lauryl Sulfoacetate will undergo both primary and ultimate biodegradation. The River Water Dieaway test shows the products to undergo rapid primary biodegradation (80% in 2 days)¹. The Closed Bottle test (OECD method 301D) as well as the Sealed Vessel Headspace test (OECD method 310)³ show the products to be ultimately and readily biodegradable ($\geq 60\%$ in 28 days).

The above referenced products are in compliance with the EU Detergent Regulation No. 648/2004.

References:

1. Swisher, R.D. "Surfactant biodegradation", Vol. 18, 2nd Edition, Marcel Dekker, Inc., 1987, p. 806.
2. Stepan Study No. 90-009A
3. Stepan Study No. 04-010A

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