

Product Bulletin

Product Name	LATHANOL® LAL	
Chemical Structure	$\text{CH}_3(\text{CH}_2)_{10}\text{CH}_2\text{O} \begin{array}{c} \text{O} \\ \\ \text{CCH}_2\text{SO}_3\text{Na} \end{array}$	
CAS Registry No.	1847-58-1	
INCI Name	Sodium Lauryl Sulfoacetate	
Applications	<u>Functional Properties</u> • Primary/Secondary Surfactant • Foaming Agent • Wetting Agent • Emulsifier <u>End Product Uses</u> • Bubble Baths • Shampoos • Cleansing Creams • Detergent • Milder to the skin than ethoxylated alcohol sulfates • Hard water stable • Replaces soap whenever soap sensitization is found • Cream & Paste Shampoos • Syndet Bars *This product is available in powder, flake or coarse forms.	
Typical Properties	Appearance at 25 °C..... Free flowing white powder or flake Actives, % (MW 345)..... 65.0 min. pH, 1% aqueous..... 6.3 Moisture, %..... 1.5 max. Alcohol Insolubles, %..... 11.6 Sodium Chloride, %..... 15.0 RVOC, U.S. EPA, %..... 0	
Environmental Effects	Product is ready biodegradable. Additional information available upon request.	
Health Effects	LATHANOL LAL is moderately to slightly toxic orally (LD ₅₀ = 700 mg/kg). The product causes moderate skin irritation at 70% concentration and minimal to no eye irritation at 3% concentration.	
Storage & Handling	Normal safety precautions (i.e., safety goggles, dust mask and gloves) should be employed when handling LATHANOL LAL. Contact with the eyes and prolonged contact with the skin should be avoided. Avoid inhaling the dust. Wash thoroughly after handling material. LATHANOL LAL should be used in a well-ventilated area. It is recommended that LATHANOL LAL be stored in sealed containers and kept in a cool, dry place to insure against agglomeration and any deterioration in color. Partly used drums should be promptly resealed with drum cover and accessory clamp after twisting and tying off the poly-bag liner. Prolonged storage above 90 °F (32 °C) should be avoided. Avoid overheating. <u>Standard Packaging:</u> LATHANOL LAL is available in 55 gallon fiber open head, unlined drums (net weight for coarse: 200 lb./90.4 kg, for flake: 150 lb./67.8 kg, for powder: 250 lb./113 kg). <u>Workplace Exposure:</u> Occupational exposure can occur primarily through skin contact or via inhalation of vapors and mists. Engineering controls, personal protective equipment, and other workplace practices should be used to control these exposures.	



Clearances

All components of LATHANOL LAL are listed in the following countries; the registration numbers for the active ingredients are included in parentheses: United States (TSCA 1847-58-1), Canada (DSL 1847-58-1), Australia (AICS 1847-58-1), Europe (EINECS 217-431-7), and Japan (ENCS 2-1617 or 2-2839).

It is the responsibility of the formulator to review the chemical control regulations for each country where the end product is intended to be sold or used.

LATHANOL LAL Coarse conforms to Ecocert's natural and organic cosmetic standard and is 100% of natural origin.

LATHANOL LAL is available as Kosher Certified.

Formulations

CLEAR GEL SHAMPOO

<u>Ingredients</u>	<u>Wt, % (as is)</u>	<u>Function</u>
STEOL® CS-330	15.0	Secondary Surfactant
LATHANOL LAL	12.0	Primary Surfactant
AMPHOSOL® CA	4.0	Secondary Surfactant
NINOL® 49-CE	3.0	Foam/Viscosity Booster
Hydrolyzed Collagen	1.0	Conditioning Agent
Sodium Chloride	q.s.	Viscosity Adjuster
Citric Acid (50%)	q.s.	pH Adjuster
Fragrance, dye, preservative	q.s.	
D.I. Water	q.s. to 100.0	Solvent, Carrier

Mixing Procedure:

Add the first three ingredients to water and mix well. Heat to 55 °C with continuous mixing until solution clears. Add the NINOL 49-CE and continue to mix as you let the solution come to room temperature. Blend in the hydrolyzed collagen. Adjust pH to 6.0-6.5 with the citric acid. Add fragrance, dye and preservative if desired. Add sodium chloride to adjust viscosity.

Physical Properties:

Appearance at 25 °C..... Clear gel
pH (as is)..... 6.0-6.5

Product Stewardship

This product bulletin has been written in accordance with ACC's Product Stewardship guidelines.

Additional Safety Information

A Safety Data Sheet is available upon request.



The information contained herein is based on the manufacturer's own study and the works of others and is subject to change without prior notice. The information is not intended to be all-inclusive, including as to the manner and conditions of use, handling, storage or disposal or other factors that may involve additional legal, environmental, safety or performance considerations. Nothing contained herein grants or extends a license, express or implied, in connection with any patents issued or pending of the manufacturer or others, or shall be construed as a recommendation to infringe any patents or to violate any applicable laws. STEPAN COMPANY MAKES NO WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR USE, AND NO WARRANTY OR GUARANTY OF ANY OTHER KIND, EXPRESS OR IMPLIED, IS MADE, INCLUDING REGARDING PERFORMANCE, SAFETY, SUITABILITY, STABILITY, ACCURACY, COMPLETENESS, ADEQUACY OR OTHERWISE. Stepan Company (and its employees, subsidiaries and affiliates) shall not be liable (regardless of fault) to the vendee, its employees, or any other party in respect of this information, including in respect of its accuracy, completeness, adequacy, furnishing, use, or reliance upon, and the vendee assumes and releases Stepan Company (and its employees, subsidiaries and affiliates) from all liability, whether in tort, contract or otherwise to the fullest extent possible under the relevant law.

Stepan 
Corporate Headquarters
Northfield, Illinois 60093, U.S.A.
Phone: 847-446-7500
Fax: 874-501-2100
Website: www.stepan.com

For Technical Service Call:
Stepan North America **+1-800-745-7837**
Stepan Mexico **+55-11-5089-2208**
Stepan Quimica **+55-11-5089-2200**
Stepan Colombia **+571-636-2808**
Stepan Europe **+33-476-505-160**
Stepan Asia **+656-879-9855**
Stepan Philippines **+656-879-9855**

For Customer Service Call:
Stepan North America **+1-800-457-7673**
Stepan Mexico **+52-555-533-1967**
Stepan Quimica **+55-11-5089-2200**
Stepan Colombia **+57-6-8993125**
Stepan UK **+44-161-338-5511**
Stepan France **+33-476-50-51-00**
Stepan Philippines **+63-2-842-7951**