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## Cosmetic Regulatory Information Sheet

**Product Name :** LATHANOL® LAL COARSE

**Specifications code :** PA304

**Product function :** Anionic surfactant

### Information concerning the identity of the substance

**IUPAC Name :** Sodium-2-(dodecyloxy)-2-oxoethane-1-sulphonate

**REACH Name :** Acetic acid , 2-sulfo-, mono-C12-C14 (even numbered)-alkylesters, sodium salts

**INCI Name :** Sodium lauryl sulfoacetate (associated to CAS 1847-58-1)

**CAS nbr :** Not assigned

**EINECS or EC Number :** 939-512-2

**REACH Status :** Registered – Please see SDS for REACH Registration Number.

**Origin :** **Plant :** Coconut & Palm kernel oil (fatty alcohol)

**Animal :** No

**Synthetic :** Yes (monochloroacetic acid)

**Manufacturing process :** The lauryl alcohol is reacted with monochloroacetic acid ; this esterification step is followed by a sulfitation of the resulting lauryl chloroacetate

### Composition Information

**Active content :** 100% (as UVCB substance according REACH)

INCI or chemical description	CAS Number	Typical % w/w
Sodium lauryl sulfoacetate	1847-58-1	65% min (active at 100% as UVCB substance according REACH)

#### Main impurities

Sodium chloride	7647-14-5	14% typ.
Sodium sulphate	7757-82-6	7% typ.
Aqua	7732-18-5	1.5% max.
Alcohol C12-14	80206-82-2	3% max.

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Solvent :	None
Preservative :	None
Anti-oxidant :	None
Relevant impurities :	Sodium chloride / Sodium sulfate /residual alcohol C12-C14 / water – part of the substance (100% UVCB)
Free amine :	Not applicable
Nitrosamines :	Not applicable
Heavy Metals :	See certificate joined
Pesticides :	None expected to be present
Residues from manufacture :	No other data apart from unavoidable impurities coming from process
Nanomaterials :	Please refer to separate statement

## Microbiological information

We do not expect the product to be the subject of microbiological growth. Therefore, this product is not submitted to any routine analytical test and does not have any microbiological specifications.

Thus, we do not routinely test this product for microbiology because it is inherently hostile to bacteria.

Stepan guarantees the microbiological integrity of its product by testing for total viable counts, yeast, moulds and pathogens.

Stepan internal test methods are consistent with the ISO standards listed below:

- ISO 18415 Cosmetics - Detection of specified and non-specified microorganisms
- ISO 21149, Cosmetics - Microbiology -- Enumeration and detection of aerobic mesophilic bacteria
- ISO 16212, Cosmetics - Microbiology - Enumeration of yeast and mould

## Toxicological data

Based on Active Ingredient (i.e. 100%)

Acute oral toxicity:	660 mg/kg bw > LD 50 (rats) < 1650 mg/kg bw
Acute dermal toxicity :	LD 50 (rabbit) : > 2000 mg/kg bw
Skin irritation :	No adverse effect observed (not irritating)
Eye irritation :	Strongly irritant with irreversible effects on the eye
Sensitization:	Not skin sensitising
Mutagenicity (Ames test):	Negative
Chromosomal aberration:	Negative
Teratogenicity :	Developmental NOAEL= 1000 mg/kg bw/day / Parental NOAEL= 200 mg/kg bw/day
Reproductive toxicity :	Reproductive NOAEL= 1000 mg/kg bw/day / Parental NOAEL= 200 mg/kg bw/day
Carcinotoxicity:	No data available
Others :	None

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## Ecotoxicological / Ecofate data

Ecotoxicology :        Fish, LC50 : 4.2 mg/l  
                              Daphnia, EC50 : 7.9 mg/l  
                              Algae, EC50/ 6.8 mg/l  
                              Algae, NOEC : 0.86 mg/l

Biodegradation :       Readily biodegradable - 70,2% after 28 days (OECD 301B)

Bioaccumulation :      Low potential to bioaccumulate.

Please also refer to section 12 of the Safety Datasheet.

## Animal testing declaration

This product complies with Article 18 (on animal testing) of the European Regulation (EC) No 1223/2009 and subsequent amendments on Cosmetic Products. More specifically, we obey the deadlines of 11 March 2009 and 11 March 2013 relating to animal testing ban and the use of alternative methods.

However, under specific conditions, it is possible that this product has been tested for applications other than cosmetics if required by law in EU or outside EU. Typically, in EU, REACH (1907/2006) and CLP (1272/2008) legislation may require animal testing.

In addition, as an international company, our Global Policy on animal testing precludes any animal testing for cosmetic purposes in Europe and outside Europe. We also support the 3R approach (reduce, refine, replace) for toxicological and ecotoxicological testing.

## Absence of Allergens according 2003/15/EC

We hereby certify that we do not expect any of the allergens listed in Regulation 2003/15/EC to be present in the product mentioned above (page 1). However as we do not control them analytically we cannot commit to a complete absence.

## REGULATORY STATEMENTS

### Product concerned : LATHANOL® LAL COARSE

We confirm that this product complies with Regulation (EC) No. 1223/2009 of the European Parliament and Council of November 30, 2009 on cosmetic products.

In particular, we hereby declare that none of the substances listed in Annex II is contained in this product. We also guarantee that the content of the ingredients listed in Annex III, if existing, does not exceed the maximum allowed concentration. Because of the function of this product, Annexes IV (colorants) and VI (UV filters) are not applicable to this product.

Herewith, we confirm that this product complies with Regulation (EC) No 1907/2006 (REACH) and Regulation (EC) No 1272/2008 (CLP); and their subsequent amendments.

Herewith, it is confirmed that this product does not contain any substances classified as CMR 1A, 1B or 2 (Carcinogenic, Mutagenic and Reprotoxic).

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Herewith, we confirm that this product is manufactured from vegetable and synthetic raw materials.

This product does not contain any raw material from animal origin.

## REGULATORY STATEMENT – China Status

Lathanol® LAL Coarse is listed on the Inventory of Existing Cosmetic Ingredients (IECIC 2014 draft version) under reference 8149

INCI name: Sodium LaurylSulfoacetate, CAS 1847-58-1.

Lathanol® LAL Coarse cannot be imported as a Cosmetic Ingredient because it is not fully listed on the Inventory of Existing Chemical Substances (IECSC).

Lathanol® LAL Coarse can only be imported in a finished Cosmetic Product.

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