

93514-SODIUM LAURYL ETHER SULPHATE**1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION****1.1 Identification of the substance or preparation**

Name: Sodium lauryl ether sulphate (Texapon N-40)

Code: 93514

Internal code: 405035

1.2 Synonyms

No information available.

2. DESCRIPTION

Appearance (25°C): Clean liquid without suspended particles

Colour: Light or slightly yellowish

Odour: Characteristic

Origin: Plant and synthetic sources

Geographical origin: Made in Spain

3. COMPOSITION/INFORMATION ON COMPONENTS**Composition:** Aqueous solution of lauryl ether sulphate.**Chemical ingredients:**

- Water (CAS 7732-18-5)
- Alcohols C12-14 (even numbered), ethoxylates <2.5 EO, sulphates, sodium salts (CAS 68891-38-3)
- Mixture of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1) (CAS 55965-84-9)

INCI:

- Aqua (CAS 7732-18-5)
- Sodium laureth sulfate (68891-38-3)
- Methylchloroisothiazolinone (and) Methylisothiazolinone (CAS 55965-84-9)

COMPOSITION:		
<u>Chemical name</u>	<u>CAS</u>	<u>Concentration</u>
Water	7732-18-5	q.s.100%
Sodium Laureth Sulphate	68891-38-3	26.5-28.5%
Methylchloroisothiazolinone (and) Methylisothiazolinone (3:1)	55965-84-9	13.5 ppm
Hydrogene peroxide	7722-84-1	< 30 ppm

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ADDITIVES:		
<u>Chemical name</u>	<u>CAS</u>	<u>Concentration</u>
Citric Acid	77-92-9	0.1%

IMPURITIES:		
<u>Chemical name</u>	<u>CAS</u>	<u>Concentration</u>
Laureth-2	3055-93-4	< 1.4%
Sodium chloride	7647-14-5	< 0.1%
Sodium sulphate	7757-82-6	< 1.0%
1,4-dioxane	123-91-1	< 20 ppm

Note: For INCI, hydrogen peroxide and citric acid are considered subsidiary substances (they are no longer present as such in the final product) and like impurities, they are not considered ingredients according to Article 19 of cosmetics regulation 1223/2009. Therefore, the INCI would be Aqua, Sodium laureth sulfate, Methylchloroisothiazolinone (and) Methylisothiazolinone.

Method of production: The molten sulphur together with dry air is burned and converted into a conversion tower. From there it goes to a reactor where the organic raw material is added, and is subsequently neutralised and mixed by adding various additives. It is deaerated and stored until the next stage of the manufacturing process where this raw material is diluted with water. Subsequently the pH is adjusted, and the preservatives are added to mix them together before packaging. There are several control points throughout the manufacturing process.

4. PHYSICO-CHEMICAL DATA

For more information, see the analysis report.

Solubility: The product is soluble in water.

5. PROPERTIES/USES

Cosmetic use.

The product is compliant with Cosmetics Regulation (EC) 1223/2009 on cosmetic products.

This product is a versatile surfactant that combines optimal performance with excellent foam characteristics specially designed for a wide range of products such as detergents, personal care and toiletries (shampoos, hand soaps, shower gels, etc.).

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The product can be used in formulations that comply with the European Regulation (EC) on cosmetic products (1223/2009) and detergents (684/2004) and its amendments

6. DOSAGE

No information available.

7. REMARKS**STORAGE:**

Store at room temperature ($25 \pm 2^\circ\text{C}$) in a cool, dry place in a tightly closed container away from sunlight and heat.

At temperatures below 20°C , the product may separate (with a gel forming at the bottom). If this occurs, it is advisable to homogenise it before use.

High temperatures ($> 50^\circ\text{C}$), particularly over an extended period, can lead to hydrolysis with corresponding increase in acidity. Therefore, it is recommended to store the product below 40°C .

The documentation available related to the product's regulatory compliance is included below.

BSE/TSE:

The product is not of animal origin and thus there is no risk of BSE/TSE.

GMOs:

The product is not subject to labelling in accordance with Regulations 1829/2003 of the European Parliament and of the Council and Regulation 1830/2003 and its amendments.

CMR:

The product does not contain CMR substances (< 20 ppm). The product may contain 1,4-dioxane residues with levels below 20 ppm, which is classified as a category 1B carcinogenic in the Annex to Regulation (EC) 2021/849 and its amendments in Part 3 of Annex VI to Regulation (EC) 1272/2008. This substance is derived from the manufacturing process and is technically unavoidable.

SVHC:

The product does not contain SVHC substances according to Article 57 of REACH and according to the latest SVHC list of 10 June 2022 at levels greater than 1 ppm, except for 1,4-dioxane. This is present at trace levels according to the respective specification and is unavoidable due to the manufacturing process.

93514-SODIUM LAURYL ETHER SULPHATE**NANOMATERIALS:**

The product does not contain any nanomaterials and no designed nanomaterials are used during the manufacturing process. Therefore, it is compliant with Article 16 of Regulation (EC) 1223/2009 on cosmetic products.

VOCs:

The product does not contain VOC substances.

IRRADIATION:

The product has not been irradiated using gamma radiation, electronic transmission process or any other irradiation process.

PESTICIDES:

The product does not contain pesticides.

COLOURANTS/PRESERVATIVES:

The product is preserved with 13.5 ppm of a commercial mixture (3: 1) of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one. According to the new Commission Regulation (EU) 1003/2004, the mentioned CMI/MI mixture is prohibited in non-rinse products like body creams from 16 July 2015.

This preservative mixture can be used in rinse-off products such as shampoos and bath gels. (Cosing database, Annex V/39: https://ec.europa.eu/growth/tools-databases/cosing/index.cfm?fuseaction=search.details_v2&id=28785).

IMPURITIES:

- Ethylene oxide: The product contains < 1 ppm. This substance is derived from the manufacturing process and is technically unavoidable.
- Nitrosamines: The product does not contain nitrosamines or precursors.
- PCB: Does not contain.
- Dioxins: Does not contain.
- Aflatoxins: Does not contain.
- Silicones: Does not contain.
- Latex: Does not contain.

HEAVY METALS:

The product meets the requirements on heavy metals:

Total (such as Pb) < 10 ppm

Fe < 2 ppm

Pb < 2ppm

Ni < 2 ppm

Cd < 2 ppm

Cr < 2 ppm



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Co < 2 ppm

Sb < 2 ppm

As < 2 ppm

Hg < 2 ppm

CALIFORNIA PROPOSITION 65:

The product contains the following contaminants or derivatives recognised by the State of California as causing cancer or reproductive toxicity as listed in State Proposition 65 on Safe Drinking Water and Toxic Enforcement Act:

1,4-Dioxane: < 20 ppm

Ethylene oxide: maximum 1 ppm.

ALLERGENS:

- **Food allergens:** The product does not contain any of the allergenic substances listed in Annex II to Regulation 1169/2011. There is no risk that the product may contain or have been contaminated by gluten.
- **Cosmetic allergens:** The product does not contain any of the prohibited or restricted substances listed in Annexes II and III, except for the unintentional presence of 1,4-Dioxane (CAS 123-91-1) which is listed in Annex II, number 343. These technically unavoidable substances, derived from good manufacturing practices, are compliant with Article 3 of Regulation (EC) 1223/2009 and Article 17. In addition, the presence of the preservative 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one is compliant with Annex V/39 of Regulation (EC) 1223/2009, since it is at concentrations of 13.5 ppm (0.00135%), and its use is allowed up to 0.0015% as a maximum concentration in ready-to-use products. The product does not contain any other substances listed in Annexes IV and VI to Regulation (EC) 1223/2009. The product does not contain any of the allergenic substances listed in Annex III to Regulation (EC) 1223/2009.

VEGAN/VEGETARIAN:

The product contains substances of plant and synthetic origin and does not contain animals, animal parts or derivatives. Therefore, the product is suitable for vegan/vegetarian use.

HALAL:

The product is compliant with:

- Does not contain ingredients of animal origin (including oils, fats or gelatine).
- Does not contain ethanol (alcohol).
- It has not been manufactured using equipment that has been previously used for products containing any of the above substances.
- The use of cleaning materials meets the above specifications.



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- The starting materials used to manufacture the product are not made with nor do they contain any of the above items, and as such are free of substances prohibited by Halal laws.

KOSHER:

The product is compliant with:

- Does not contain ingredients of animal origin (including oils, fats or gelatine).
- Does not contain ethanol (alcohol).
- It has not been manufactured using equipment that has been previously used for products containing any of the above substances.
- The use of cleaning materials meets the above specifications.
- The starting materials used to manufacture the product are not made with nor do they contain any of the above items, and as such are free of substances prohibited by Kosher laws.

TESTED ON ANIMALS:

The product has not been tested on animals and has not been obtained through the suffering or death of an animal. The product is compliant with the prohibition of animal testing of Regulation (EC) 1223/2009 on cosmetic products.

RSPO:

The product contains substances derived from palm oil. About 15% of the raw material comes from palm oil.

CITES:

The product does not contain any material of animal or plant origin listed in the CITES list.

ECOCERT:

The product is Ecocert certified.

ISO 16128:

The product is classified as a "natural derived ingredient" according to ISO 16128-1 and ISO 16128-2:2017.

Therefore, the product can be classified as:

Natural origin index (excluding composition water): ca. 0.50.

Natural origin index (including composition water): ca. 0.85.

REACH:

Sodium laureth sulphate: 01-2119488639-16-0032.