

**8711-NATRAGEM S140 NP (HLB 14)****1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION.****1.1 Identification of the substance or preparation.**

Name: Natragem S140 NP (HLB 14)

Bulk code: 8711

Internal code: 408632

**1.2 Synonyms.**

No information available.

**2. DESCRIPTION**

Appearance: Liquid.

Colour: Clear to misty.

Odour: Characteristically weak.

Origin: Plant.

Species of origin: Palm kernel, Coconut, Rapeseed, Sunflower, Corn.

Country of origin: Indonesia, Malaysia, Thailand, Colombia, Nigeria, Papa New Guinea, Ecuador, Guana, Honduras, Ivory Coast, Philippines, India, China, Europe and South America, Brazil, Russia.

**3. COMPOSITION/INFORMATION ON COMPONENTS.**

Composition: 80% active ingredient, 20% water.

INCI	CAS No:	Concentration (%)
Polyglyceryl-4 Laurate Sebacate	1253661-21-0	25-50
Polyglyceryl-6 Caprate/Caprylate	1253692-86-2	25-50
AQUA	7732-18-5	10-25

**INCI:** Polyglyceryl-4 Laurate/Sebacate (and) Polyglyceryl-6 Caprylate/Caprate (and) Aqua  
**HLB:** 14.0 (determined experimentally)

**Method of production:** The product is obtained from the reaction and mixing of Polyglycerol-4 and sebacic acid and lauric acid on the one hand, and of Polyglycerol-6 with caprylic/capric acid on the other. The result of both processes is dissolved in water before being mixed and packaged.

**4. PHYSICO-CHEMICAL DATA.**

For more information, see the analysis report.

**Solubility:** Soluble in oils.

## 5. PROPERTIES/USES.

Cosmetic use.

Not suitable for oral use.

Natragem can be used on all skin types, including sensitive skin. It is easy to handle. It is a solution that can be used cold for gel preparations, alcohol/aqueous solutions, and detergent cleaning solutions or systems, without affecting its foam formation properties. It offers exceptional performance when used in the solubilisation of essential oils and fragrances.

### Characteristics and benefits:

- Solubilises a wide range of lipophilic ingredients to provide clear formulations.
- Fantastic cleaning properties.
- Proven benefits that prevent irritation.
- Does not negatively affect the foam formation of detergent systems.
- Excellent solubilising agent of essential oils making it perfect for use with fragrances.
- Can be cold processed and is easy to handle.
- 100% natural origin.
- Free of ethyl oxalate and propoxylate.
- Biodegradable.

### Applications:

- Cleaning products
- Shampoos
- Bath foams
- Body, hands and facial cleansing
- Cleansers
- Tonics
- Hair sprays
- Perfumes and aftershaves

## 6. DOSAGE.

Solubilising agent: 0.5 at 10%.

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NATRAGEM S140 NP has been designed to be used as a cold mix solubilising agent that is easy to handle. It can be added to a formulation in three different ways:

1. Premix NATRAGEM S140 NP and the oil and then add to the aqueous phase with moderate mixing.
2. Premix NATRAGEM S140 NP and the oil and then add the aqueous phase to the premixture by mixing.
3. Premix NATRAGEM S140 NP and the oil and then add double the amount of water and mix to achieve a fluid solution. This can then be added to the aqueous phase with a minimal amount of mixing. This option is particularly useful if the final formulation tends to form a foam.

In general, NATRAGEM S140 NP will offer clearer solutions over time, meaning formulations can take up to 24 hours to achieve full clarity.

**7. REMARKS.****STORAGE:**

Store at room temperature in a cool, dry, well-ventilated place away from sunlight, in a tightly closed container.

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

**BSE/TSE:**

The product is not an animal derivative, for which reason this certification does not apply.

**GMOs:**

The product is produced from raw materials of plant origin. The raw materials used to manufacture this product do not contain, consist of and are not produced from genetically modified organisms, in accordance with Regulation (EC) 1830/2003.

**CMR:**

The product does not contain any substance classed as CMR according to UN GHS that has been added deliberately. Products may contain technically unavoidable traces or impurities that may be classed as CMR, derived from the manufacturing process. Consult the corresponding legislation on the inclusion of CMR traces or impurities.

**SVHC:**

The product does not contain any of the substances detailed in the candidate list for inclusion in Appendix XIV of REACH legislation, on the list of priority substances for inclusion in Appendix XIV of REACH legislation, or in the list of products included or recommended for inclusion in Appendix XIV of REACH legislation at levels higher than those specified in article 56.6 (a) and (b) of the REACH Regulation. Furthermore, these substances are not added intentionally, meaning they are not expected to be present.

**8711-NATRAGEM S140 NP (HLB 14)****NANOMATERIALS:**

The product is not classified as a nanomaterial according Regulation (EC) 1223/2009. The product does not comply with the definition of nanomaterial according to the European Commission's recommendation of October 2011 and according to French decree 2012-232

**VOCs:**

The product contains a substance that may be classified as a volatile organic compound (with a boiling point  $\leq 250^{\circ}\text{C}$ ).

This product may contain residual traces of formaldehyde and acetaldehyde. Formaldehyde is not added intentionally, however, it is a possible product of degrading glycerol and glycerol esters, but the low ppm levels are not expected to be exceeded. Its presence has not been tested.

**PESTICIDES:**

These are not added intentionally during the preparation process, so they are not expected to be present.

**RESIDUAL SOLVENTS:**

No solvent listed in the ICHQ3C is expected to be present.

**IMPURITIES:**

- **PAHs:** These are not added intentionally during the preparation process, so they are not expected to be present.
- **Formaldehyde/acetaldehyde:** This product may contain residual traces of formaldehyde and acetaldehyde. Formaldehyde is not added intentionally, however, it is a possible product of degrading glycerol and glycerol esters, but ppm levels are not expected to be exceeded. These values are not measured.
- **Phthalates:** These are not added intentionally during the preparation process, so they are not expected to be present.
- **Glycol esters:** These are not added intentionally during the preparation process, so they are not expected to be present.
- **Nitrosamines:** These are not added intentionally during the preparation process, so they are not expected to be present.
- **Free amines:** These are not added intentionally during the preparation process, so they are not expected to be present.
- **Melamine:** This is not added intentionally during the preparation process, so it is not expected to be present.
- **Ethylene oxide:** This is not added intentionally during the preparation process, so it is not expected to be present.
- **Propylene oxide:** This is not added intentionally during the preparation process, so it is not expected to be present.
- **1,4-Dioxane:** This is not added intentionally during the preparation process, so it is not expected to be present..
- **Ethylene glycol:** This is not added intentionally during the preparation process, so it is not expected to be present..

**8711-NATRAGEM S140 NP (HLB 14)****CONFLICT MINERALS:**

The product does not contain conflict minerals.

**HEAVY METALS:**

These are not expected to be present in amounts over 20 ppm.

**CALIFORNIA PROPOSITION 65:**

None of the product's components are listed in the most recent version of California Proposition 65.

**ALLERGENS:**

- **Food allergens:** The allergens listed in Appendix II of Regulation 1169/2011 of 25 October and in ANVISA RCD 26/2015 are not expected to be present.
- **Cosmetic allergens:** The allergens listed in Appendix III of the Cosmetics Regulation (EC) no. 1223/2009 and in Appendix II of ANVISA RDC 530/2021 are not expected to be present.

**VEGAN/VEGETARIAN:**

The product is of plant origin and does not contain any animal products or derivatives. These are not used in the manufacturing process either.

**TESTED ON ANIMALS:**

The product has not been tested on animals.

**RSPO:**

The RSPO certificate number is BVC-RSPO-ES071389. The equivalent volume of palm oil required to manufacture the product (via derivatives) is 20%. In accordance with the RSPO's rules, none of the raw materials is deemed to be based on palm oil. To identify the palm content in this product, the manufacture has calculated the proportion of active materials derived from palm or palm kernel sources. This calculation does not take water, preservatives, by-products or any other additive into consideration.

**CITES:**

The product does not contain endangered species, according to the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES), according to the International Union for Conservation of Nature (IUCN) Red List of Threatened Species, and is not subject to the Washington Convention.

The plant raw materials used do not form a part of appendices I, II or III of the Washington Convention.

**ISO 16128:**

The above-mentioned product is approximately 100% natural derivative. (Natural origin derivative).

Natural index: 0.10-0.25% (The water added to the formulation, with a natural index of 1, has been included when calculating this value).

Natural origin index: 1



GUINAMA. Laboratory distributor of raw materials for the pharmaceutical and cosmetics industries.

Type of document:

**TECHNICAL DATA SHEET**

Review date:

**13.06.2023**

Version:

**9.0**

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Organic index: 0

Organic origin index: 0

By-products are not included for this calculation as they are not included intentionally.

**REACH:**

Compliant with the inventory: Polymer.