**Product Dossier**

**EMPIGEN® S 18**

*Stearamidopropyl dimethylamine*

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**Manufacturing sites**

1. **Barcelona**

   HUNTSMAN Performance Products Spain S.L.
   Pol. Zona Franca, Sector F, C/43 nº 10
   08040 Barcelona
   Spain

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**Compositional data**

1. **INCI Composition**

   The composition is given as a guide to help label a finished formulation and does not represent a specification. Impurities are not included. See Safety Data Sheet (SDS) for applicable registration numbers.

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>%</th>
<th>INCI Function*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stearamidopropyl dimethylamine</td>
<td>100</td>
<td>Conditioning agent /emulsifying /stabilizing/ viscosity controlling</td>
</tr>
</tbody>
</table>

   * For cosmetic products only

2. **Additives**

   - Preservative: Not intentionally added
   - Anti-oxidant: Not intentionally added
   - Sequesterant: Not intentionally added
   - Buffer: Not intentionally added

3. **Impurities and by products**

   This may include unavoidable residues of chemicals used in the manufacture of the product or minor by-products

   **CLP:** Classified as CMR according to regulation (EC) 1272/2008 (CLP)

   Not intentionally added

   **Cosmetics:** According to the European regulation on Cosmetics (1223/2009/EU) and subsequent updates.

   - Annex II: Not intentionally added
   - Annex III: Not intentionally added
   - Annex V: Not intentionally added


   **Prop 65:** According to the Safe Drinking Water and Toxic Enforcement Act (1986)
Not intentionally added,

Heavy metals: Not intentionally added
Total as Pb <20ppm (based on typical analysis of similar products)

Not intentionally added

Nano-particles: Not intentionally added

Others: Others: This product may contain traces of residual 3-aminopropyldimethylamine: typically <0.1%

Other impurities, including residual raw materials may be referred to in the technical data sheet (TDS). They are not typically additives and consequently they are not expected to significantly impact upon the risk assessment, but they do form an intrinsic part of the product which may be relevant to product quality, performance and / or the specification. As such this information is not repeated here: please refer to the TDS.

Origin

1. Process

Fatty acid

\[ \text{Dimethylaminopropyamine} \]

\[ \text{Stearamidopropyl Dimethylamine} \]

2. Origin

Synthetic: Yes
Mineral: No
Plant: Yes

May includes materials chemically derived from palm or palm kernel oils from unspecified geographical locations.

GMO: Material from Genetically Modified Organisms (GMO’s) is not intentionally added to this product.

Animal: No
BSE/TSE: This product is wholly derived from raw materials of synthetic origin and materials of animal origin are not intentionally added. Therefore we have no reason to expect the possibility of contamination by agents that might cause BSE / TSE (Bovine Spongiform Encephalopathy / Transmissible Spongiform Encephalopathy).
Eco-toxicology

1. Additional eco-toxicological data

No additional data available to that shown on the SDS.

Toxicology

1. General

See SDS

2. Animal test data

Huntsman as a producer of chemical substances fulfils all legal requirements on national as well as international level in order to protect workers, customers, users, and the environment. We make every effort to provide our customers with products not only optimal for their intended purpose but also safe with regard to human health and the environment.

Animal experiments have only been conducted and in the future will only be conducted for general safety requirements or if specifically requested by national and/or international regulations. Particularly, Huntsman will comply with Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) in this regard and classification will be assessed according to Regulation (EC)1272/2008 (CLP).

We hereby also confirm that this product and the individual ingredients have never been the subject of animal testing or re-testing for cosmetic purposes by or on behalf of Huntsman after the phase out date imposed by the Regulation (EC) No. 1223/2009/EU.

3. Additional toxicological data

No additional data available to that shown on the SDS

VOC (Volatile Organic Compounds)


The level of VOC according to 2004/42/CE and 1999/13/EC is estimated to be lower than 1%.

2. Ordinance on incentive tax on VOC 814.018 (Switzerland)

The product contains <3% VOC as defined by Ordinance 814.018
<table>
<thead>
<tr>
<th>Issue #</th>
<th>Date</th>
<th>Summary of changes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Issue 1</td>
<td>18 September 2015</td>
<td>New document</td>
</tr>
</tbody>
</table>

Delphine Uwukunda  
Technical Service

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Issued on behalf of HUNTSMAN HOLLAND BV