Product Dossier

EMPICOL® SDD / O



Disodium laureth sulfosuccinate

Issue 3, 10 January 2017

Manufacturing sites

1. **Barcelona**

Innospec Performance Chemicals Spain S.L. Poligono Zona Franca, Sector F, C/43, nº 10 08040 Barcelona Spain

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.

Ingredient	%	INCI Function*
Disodium laureth sulfosuccinate	ca. 33	Surfactant / foaming / cleansing
Aqua	Up to 100	Solvent

^{*} For cosmetic products only

2. **Additives**

Benzoic acid, 0.3% (may be present as the salt) Preservative:

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

Impurities and by products 3.

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)]

> 1,4-dioxane <5ppm Ethylene oxide <1ppm

Cosmetics: [According to the European regulation on Cosmetics (1223/2009/EU) and

subsequent updates]

Annex II 1,4-dioxane <5ppm

Ethylene oxide <1ppm

Annex III Inorganic sulfites typically < 0.2% as SO_2

0.3% (may be present as the salt) Annex V Benzoic acid

The European Directive 2003/15/EC (cosmetic allergens) from 27 February 2003 has subsequently been incorporated into Annex III of the Regulation (EC) No. 1223/2009 of the European Parliament and of the Council from 30 November 2009 and so a separate statement is not given. Please refer to the statement on Annex III above.



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Prop 65: [According to the Safe Drinking Water and Toxic Enforcement Act (1986)]

1,4-dioxane <5ppm Ethylene oxide <1ppm

Heavy metals: Not intentionally added

Total as Pb typically <20ppm (based on analysis of similar products)
As typically <2 ppm (based on analysis of similar produts)

Solvents: [According to Guideline for Residual solvents EMA/CHMP/ICH/82260/2006]

Not intentionally added

Nano-particles: Not intentionally added

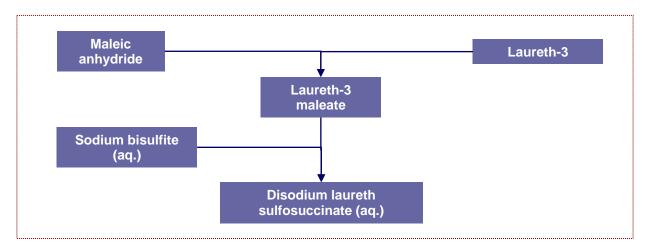
Others: Other impurities, including residual raw materials may be referred to in the technical

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





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2. Origin

Synthetic: Yes Mineral: No Plant: Yes

Includes materials chemically derived from coco and / or palm kernel oils from

unspecified geographical locations.

GMO: Material from Genetically Modified Organisms (GMO's) is not intentionally added

to this product.

Pesticides: This product is not a plant extract.

While it may be derived from raw materials of natural origin, extensive physical and chemical processes are involved to convert the raw material to the finished

product and it is not expected that any pesticide residues will remain intact.

Animal: No

BSE/TSE: This product is wholly derived from raw materials of vegetable and / or synthetic

origin and materials of animal origin are not intentionally employed on the units where it is manufactured or processed. 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

Additional eco-toxicological data

No additional data available to that shown on the SDS

Toxicology

1. General

See SDS

2. Animal test data

Innospec 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, Innospec 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 Innospec after 1990.

3. Additional toxicological data

No additional data available to that shown on the SDS.



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VOC (Volatile Organic Compounds)

1. Directive 2004/42/CE on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC.

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.

Revision status

Issue #	Date	Summary of changes
Issue 1 Issue 2 Issue 3	28 July 2015 14 March 2016 10 January 2017	New document Update of the Dioxane and sulfites content Innospec Conversion

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Innospec provides this information based on its knowledge of its manufacturing processes, raw materials and of the products and the impurities that are known or likely to be created from these processes or present in raw materials. We examine the specification of the raw materials we buy, but we may not have confirmed the presence and therefore cannot guarantee the absence of trace substances within raw materials which are not declared in the specification or SDS. The facts stated and the recommendations made are based on our own research and/or the research of others, and are believed to be accurate. No guarantee of their accuracy is made, however, and unless otherwise expressly provided by law or in written contract, the materials are sold without warranties, expressed or implied, in particular without guarantee as to suitability for particular purpose. Innospec assumes no responsibility for injury or damage to users or third parties. Recipient agrees to assume all risk and liability whether used singly or in combination with other materials.

For non EU based customers, use of this and other documents in isolation is insufficient to confirm REACH compliance of the Innospec product concerned. In order to comply with EU REACH regulations (Title II, Chapter 1, Article 8) and to secure documentation to allow this product to be imported into the EU please contact Innospec to join our "Only Representative" and Declaration of Conformity Program.