

Data Sheet for Safety Evaluation of Cosmetic Ingredients

(According to the European Cosmetic Regulation 1223/2009 from Nov. 30, 2009)

Neodermyl

General

ID-No.: 34154

Manufacturer: Induchem AG
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Identity

| INCI name | IUPAC or technical name | CAS No. | EC No. | Composition approx [%] |
|---------------------------|---|--------------------------|-----------|------------------------|
| Glycerin | 1,2,3-Propanetriol | 56-81-5 | 200-289-5 | 50 |
| Methylglucoside Phosphate | 1-methyl-alpha-D- glucoside-6-phosphate | 15416-98-5 60745-51-9 | | 4.5 - 5.5 |
| Copper Lysinate/Prolinate | L-lysine L-proline copper complex | | | 1 - 5 |

Physical form: liquid

Content of active(s): 7.0 - 8.0 %

Solvents: Water ad 100%

Preservatives: not preserved

Antioxidants: None

Other known additives: None

Product category: Skin conditioning agent

Regulatory status: EU: no restrictions
USA: no restrictions
China: Registration pending
Japan: no restrictions
other countries: no known restrictions

REACH registration: All components are compliant with the EC regulation 1907/2006 (REACH), final registrations see MSDS

Marketed since: 2013

| | |
|----------------------------|--|
| Product properties: | Please see Technical Data Sheet (TDS) and Specification (SPE). |
| Shelf life: | 2 years (see Specification / Certificate of Analysis) |

Manufacture

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| Manufacturing process: | Will only be disclosed upon request of authorities. |
| Known residue from manufacturing: | <0.1% diethylen glycol in glycerin |
| Material source: | Glycerin: plant; Methylglucoside Phosphate: biotechnologically, Copper Lysinate/Prolinate: fermentation-plant |
| Country of origin: | Switzerland |

Microbiological specifications

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| Total number of germs incl. mold and fungi: | <100 CFU/g, absence of pathogens (see Specification) |
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Analysis

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|---|--|
| Heavy metals: | Not detectable |
| Methods for determining by-products and limits of detection: | Heavy metals: limit of detection for heavy metals 10 ppm, for arsenic 2 ppm. |
| Pesticides: | Based on the manufacturing process not to be expected. |
| Residual Solvents: | No Class 1, 2 and 3 solvents are used in the manufacturing process |
| VOC (EU, USA, CH): | None |
| Proposition 65: | Based on the manufacturing process the existence of substances listed in The Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) is unlikely |
| Other Impurities: | Based on the manufacturing process we do not expect: Polycyclic Aromatic Hydrocarbons (PAH) Formaldehyde or formaldehyde releaser 1,4-Dioxane Free Ethylene Oxide Glycol Ethers (EGME, EGDME, DEGDME, TEGDME) Phthalates Nitrosamines Acrylamide Aromatic Amines Pesticides |

Methods for analyzing the ingredient(s):

See specification

Toxicity**Human:**

As to toxicity, skin and mucous membrane irritation all available data are listed in the MSDS.

Additional Information**Animal tests after Dec. 1990, according to Article 18 of the of the EC Regulation:**

None

Regulated fragrance ingredients according to Annex III of the EC Regulation (allergen list): None**GMO (Genetically Modified Organisms) according to Directive 2001/18/EC:**

None

Nanomaterials according to Article 16 of the EC Cosmetic Regulation 1223/2009:

None

CMR (Carcinogenic, mutagenic or toxic for reproduction) according to Article 15 of the EC Regulation:

None

BSE (Bovine spongiform encephalopathy) according to Commission Directive 97/1/EC:

No animal derived risk material

Ecology

As to biological degradation and toxicity in water towards algae, daphnia, fishes, all available data are listed in the MSDS.

Safety assessment

Based on the toxicological profile of the ingredients, the epicutan test performed at a concentration higher than the recommended use level, and the experience gained in clinical applications, the product Neodermyl fulfills the requirements of the European Cosmetic Regulation 1223/2009 and its amendments and the Guidelines for Safety Evaluation of Cosmetic Ingredients, provided appropriate handling, correct application and recommended concentration levels are used.