

TECHNICAL DATA SHEET

Effective date: 05.2025

Hydralay Surfactant

INFORMATION ON SUBSTANCE / MIXTURE

INCI name	Coco-Glucoside (and) Glyceryl Oleate
Chemical description	Mixture of alkyl glucoside with fatty acid glyceryl ester
Raw material basis	Vegetable: (coconut / palm kernel oil, sunflower oil, glucose, glycerine). 100% derived from renewable feedstocks. Palm-based raw materials certified sustainable acc. RSPO Mass Balance scheme.

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Physical and parameters

Appearance	Viscous liquid
Color	Transparent to slightly yellow
Odor	Characteristic
pH 5%	3,0 - 4,0
Density at 20°C	1,0600 - 1,1000 g/cm ³
Viscosity at 20°C	2500 - 6000 mPa·s
Water content	32,0 - 35,0 %
Dry matter	64,0 - 68,0 %

Composition

INCI Name componentd	Content
Coco-Glucoside CASR-No. 68515-73-1, 110615-47-9	20 - 40 %
Glyceryl Oleate CASR-No. 68424-61-3	20 - 40 %
Auxiliaries	Content
Citric Acid	1 - 5 %
Tocopherol	approx. 0.02 %
Hydrogenated Palm Glycerides Citrate	approx. 0.01 %
Aqua / Water	32 - 35 %

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Biological parameters

Total aerobic microbial count	< 100 cfu/ g
Total yeast and mould count	< 100 cfu/g
Pathogens	Absent/1g
References	<p>Cosmetic Microbiology, 2006; Edited by Philip A. Geis, Ph.D.; CRC Press, Boca Raton, FL 33487-2742; ISBN 0-8493-1453-4.</p> <p>Microbial Quality Assurance in Cosmetics, Toiletries and Non-Sterile Pharmaceuticals, 1996 Second Edition Edited by R.M. Baird with S.F. Bloomfield; Taylor & Francis ISBN 0-7484-0437-6.</p> <ul style="list-style-type: none"> - DIN EN ISO 11930:2012; Cosmetics - Microbiology - Evaluation of the antimicrobial protection of a cosmetic product - DIN EN ISO 17516:2014; Cosmetics - Microbiology - Microbiological limits - DIN EN ISO 18415:2011; Cosmetics - Microbiology - Detection of specified and non-specified microorganisms - DIN EN ISO 29621:2010, Cosmetics - Microbiology - Guidelines for the risk assessment and identification of microbiologically low-risk products
Heavy metals	< 10 ppm according to the Ph.Eur.2.4.8. (antimony, arsenic, lead, bismuth, cadmium, copper, mercury and tin)

TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	In sealed containers, protected from moisture and at temperatures between 10 and 30°C.
Shelf Life	36 months under the recommended storage conditions
Additional information	The product is preferably processed at temperatures between 15 and 25 °C. Storage at temperatures below 10 °C can lead to a crystallization. This property is characteristic of the product and reversible by stirring and heating at 25 - 30 °C.

LEGISLATION, STATEMENTS

Certifications	Cosmos approved raw material at manufacturer. Halal certified at manufacturer. Kosher certified at manufacturer. Natrue approved at manufacturer. Can be considered for products with EU Ecolabel and Nordic Swan.
Regulatory Status	Product complies with Regulation (EU) No. 1223/2009 as amended, under typical conditions of use.
BSE/TSE	Raw materials used in the manufacture of the product are of vegetable origin.

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	Produced in the absence of any animal derived material of any type. No contamination with BSE/ TSE risk materials is to be expected.
GMO status	Derived from non-genetically modified plant. GMO-free, product does not contain genetically modified DNA
Nanomaterial statement	The product and/or its components is not considered to be a nanomaterial meaning an insoluble or biopersistent and intentionally manufactured material with one or more external dimensions, or an internal structure, on the scale from 1 to 100 nm, as defined in Regulation (EC) No 1223/2009 on cosmetic products.
Biodiversity (Nagoya Protocol, CITES)	Based on our current knowledge the product and/or its components is out of scope of the access and benefit-sharing obligations laid down in the Nagoya-Protocol, as implemented by EU-Regulation 511/2014
Volatile Organic Compounds (VOC)	Does not contain any ingredient that, according to the information provided by our suppliers, falls under the definition of Volatile Organic Compound (VOC) as described in Directive 2004/42/CE
Ethanol	Does not contain as ingredient
Gluten- Status	Does not contain gluten
Animal testing	For the purposes of the European Cosmetics Regulation (EC) No. 1223/2009, no animal testing has been carried out by or on behalf of the manufacturer on the product/ingredients after 11th March 2009.
REACH Status	The product supplied by manufacturer within the European Union is compliant with Regulation (EC) 1907/2006 (REACH) as all substances it is composed of, - are excluded from the Regulation, and/or - are exempted from registration, and/or - have been registered by manufacturer and/or its suppliers.
SVHC	Any substance appearing on the candidate list for authorisation and which is contained to more than 0.1 % in the product will be described in Section 3.2 of the updated version of the Safety Data Sheet. As new substances appear on the candidate list updates, the changes will be evaluated and may trigger an update of relevant Safety Data Sheets.
Information for Vegan Assessment	Vegan and Vegetarian suitable. Manufacture does not involve the use of any animal product, by-product or ingredient. This product meets Vegan requirements, but it is not certified.
Irradiation	Based on information concerning the raw materials, production process, and equipment used radioactive material is not expected to be present
Phthalates	Based on information concerning the raw materials, production process, and equipment used phthalates listed in EU Regulation 1223/2009 Annex II are not likely to be present.
CMR substances	Based on our current knowledge about the raw materials, production process, and

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	equipment used CMR substances according to Annex VI of the CLP Regulation (EC) 1272/2008) are not likely to be present.
Residual solvents	Based on our current knowledge of the production process, raw materials and equipment used, no solvent is used in the manufacturing process or, if used, is removed in a final step of the manufacturing process.
Fragrance Allergens	Based on information concerning the raw materials, production process, and equipment used fragrance allergens as of EU Regulation 1223/2009 Annex III amended by EU Regulation 1545/2023 are not likely to be present.

DISCLAIMER

All warranty claims in respect to the conformity of our product are subject to our General Terms and Conditions of Sale and Delivery. The data listed above reflects the results of the manufacturer respectively of our suppliers quality tests. We do not hereby make any express or implied warranty, whether for specific properties or for fitness for any particular application or purpose. All values are valid for the product when dispatched from our warehouse. We recommend you perform your own quality and or identification checks on receipt.