

Product name:

Decyl Glucoside

Product code:

TEN020

General identification data

Parameter	Value
Product color	Yellow
HS code	34024200
Country of origin	Germany
Grade	Cosmetic Grade, Technical Grade
Origin of product	Vegetable
Storage conditions	Protect from frost, Protect from heat, Store in a dry and clean environment, Keep container tightly closed

Formulation parameters

Parameter	Value
Free from	sulfates, EDTA, preservatives, parabens, ethylene oxide (EO), formaldehyde and formaldehyde donors
Formulation phase	Water phase
Function in formulation	Surfactant
HLB value	11-12
Ionic character	Non-ionic
Compatibility	Anionic surfactants, Nonionic surfactants, Amphoteric surfactants, Cationic surfactants, Alkaline pH, Acidic pH, Neutral pH, Electrolytes
Application area	Body, Face, Hair, Hands, Scalp, Intimate care
Recommended processing temperature (°C)	< 50
Recommended dosage range (%)	2 - 40 %
Recommended formulation pH range	11,5 - 12,5
Application	Shower and bath products, Soaps, Intimate hygiene, Baby cosmetics, Skin care, Hair care, Household cleaning products

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Formulation parameters	
Parameter	Value
Solubility	Water-soluble
Application type	Rinse-off
Effects	Cleansing
Suitable for	Sensitive skin, Baby skin, Dry skin, Normal skin, Oily skin, All skin types

Sustainability and certifications	
Parameter	Value
Biodegradability	Easily Biodegradable (OECD 301)
Certifications	RSPO MB (Mass Balance)
Natural Index (NI ISO 16128)	0,00
Natural Origin Index (NOI ISO 16128)	1,00
Renewable Carbon Content (RCC) (%)	100

Regulation and Safety	
Parameter	Value
Allergens	The product does not contain any of the fragrance allergens listed in Annex III of Regulation (EC) No. 1223/2009, as amended, including Commission Regulation (EU) 2023/1545., The product does not contain known skin allergens.
BSE/TSE	The product does not contain materials of animal origin and, due to the absence of animal-derived materials and the production process, contamination or cross-contamination with BSE/TSE can be excluded.
CITES	The product is not derived from endangered species listed in the CITES Appendices and therefore does not require CITES certification.
Product CMR classification	The product is not classified as carcinogenic, mutagenic, or toxic to reproduction (CMR) according to Regulation (EC) No. 1272/2008.
Ethylene oxide	Ethylene oxide is not used in the production process of this product.

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Regulation and Safety	
Parameter	Value
GMO	The product has not been produced using genetically modified organisms (GMOs) as raw materials or GMO-derived processing aids and does not contain residues from GMO sources according to Regulations (EC) No. 1829/2003 and 1830/2003.
CLP classification	The substance is classified according to Regulation (EC) No 1272/2008 (CLP) and contains hazardous substances. Detailed information on composition, classification and safe handling is provided in the Safety Data Sheet (SDS), which is available on request.
Microplastics (EU 2023/2055)	This product does not contain intentionally added synthetic polymer microparticles pursuant to Commission Regulation (EU) 2023/2055.
Nanomaterials	Nanomaterials are not used in, added to, or generated during the manufacturing of this product in accordance with Regulation (EC) No. 1223/2009.
CMR ingredient content	The product does not contain any ingredients classified as carcinogenic, mutagenic, or toxic to reproduction (CMR).
VOC content	Volatile organic compounds (VOC) are not expected to be present in the product.
Treatment with ionising radiation	The product has not been treated with ionising radiation at any stage before, during, or after the production process.
Parabens	The product is free from parabens.
Pictograms	GHS05 Corrosive, GHS07 Irritant, Sensitization, Harmful
Proposition 65	None of the components of this product are listed on the California Proposition 65 list.
REACH status	The product is registered according to Regulation (EC) No. 1907/2006 (REACH).
Residual solvents	No residual solvents are used in or expected to remain from the production process of this product.
SVHC	The product is neither listed as a Substance of Very High Concern (SVHC) nor does it contain any material listed as an SVHC according to Article 59 of Regulation (EC) No. 1907/2006 (REACH).
Heavy metals	Relevant heavy metals are not expected to be present in the product above applicable limits.

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Regulation and Safety

Parameter	Value
Animal testing	The product has not been tested on animals for cosmetic purposes by or on behalf of the company.
UFI number	5390-P02R-W00E-X804

Additional information

Parameter	Value
Composition	Decyl Glucoside (~50-53 %), Aqua (~47-50 %)

The information contained in this document is provided in good faith and to the best of our current knowledge. It is supplied without warranty and does not constitute a guarantee of the product’s suitability for any specific purpose.

The customer remains solely responsible for verifying the suitability, safety, and compliance of the product for the intended use and final application. Where necessary, appropriate testing should be carried out prior to use. All information is considered accurate at the time of issue; however, product details may be subject to change. Customers are therefore encouraged to keep their technical documentation up to date.

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