

Product name:

Vegetable Lactic Acid 80%

Product code:

AD254

General identification data

Parameter	Value
Product color	Yellow
HS code	29181100
Grade	Cosmetic Grade, Technical Grade
Processing method	Fermentation
Origin of product	Vegetable
Storage conditions	Protect from direct sunlight, Protect from moisture, Store in the original container, Store in a dry and clean environment, Keep container tightly closed

Formulation parameters

Parameter	Value
Free from	allergenic fragrance substances, preservatives, parabens, PEG, silicones, sulfates
Formulation phase	Post-addition, Cool-down phase, Water phase
Function in formulation	Active ingredient, Exfoliation, Humectant, pH adjuster
Compatibility	Amphoteric surfactants, Anionic surfactants, Acidic pH, Nonionic surfactants
Application area	Intimate care, Feet, Scalp, Hands, Body, Face, Hair
Recommended processing temperature (°C)	< 60
Recommended dosage range (%)	0,5 - 10
Recommended formulation pH range	3 - 5
Application	Household cleaning products, Intimate hygiene, Skin care, Laundry and fabric care, Shower and bath products, Body care, Hair care
Solubility	Water-soluble
Application type	Leave-on, Rinse-off

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Formulation parameters

Parameter	Value
Suitable for	Acne-prone skin, Oily skin, Problematic skin, Mature skin

Sustainability and certifications

Parameter	Value
Biodegradability	Easily Biodegradable (OECD 301)
Natural Index (NI ISO 16128)	1,00
Natural Origin Index (NOI ISO 16128)	1,00
Organic content (%)	0
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.
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.
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)

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Regulation and Safety	
Parameter	Value
	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
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.
Animal testing	The product has not been tested on animals for cosmetic purposes by or on behalf of the company.

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.

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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. This document may not be reproduced, disclosed, or distributed, in whole or in part, without the prior written consent of Handymade s.r.o.

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