

Section 1 Identification of the substance and of the company

1.1	Product identifier	Cosmetic-grade hydrolyzed elastin UFI: J300-P0FY-7008-GDDN
	Trade name	matripure®
1.2	Relevant identified uses of the substance or mixture and uses advised against	For use in cosmetics products. Not suitable for human consumption.
1.3	Details of the supplier of the safety data sheet	matrihealth GmbH Weinbergweg 23 06120 Halle (Saale), Germany Phone: +49 345 57028280 Email: info@matrihealth.com www.matrihealth.com
1.4	Emergency telephone number	Gemeinsames Giftinformationszentrum Nordhäuser Straße 74 99089 Erfurt, Germany Phone: +49 361 730730

Section 2 Hazards identification

2.1	Classification of the substance or mixture	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
2.2	Label elements	Void
2.3	Other hazards	Results of PBT and vPvB assessment: PBT: Not applicable vPvB: Not applicable Endocrine disrupting properties: This substance does not contain an endocrine disruptor (ED).

Section 3 Composition/information on ingredients

3.1	Substances	Elastin (hydrolyzed) CAS No: 91080-18-1 EINECS No: 293-509-4 INCI: HYDROLYZED ELASTIN
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Section 4 First aid measures

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| 4.1 | Description of first aid measures | No special measures required.
After inhalation: Move the person to fresh air. Seek medical advice if symptoms persist.
After skin contact: Wash thoroughly with water and soap. If skin irritation persists, consult a doctor.
After eye contact: Rinse the eye with water for several minutes. Remove contact lenses if possible. If irritation persists, consult a doctor.
After swallowing: Rinse mouth thoroughly and drink plenty of water. If symptoms persist, seek medical advice. |
| 4.2 | Most important symptoms and effects, both acute and delayed | No further relevant information available. |
| 4.3 | Indication of any immediate medical attention and special treatment needed | None. |

Section 5 Firefighting measures

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| 5.1 | Extinguishing media | Use firefighting measures that suit the environment.
Foam, CO ₂ , dry chemicals, water spray |
| 5.2 | Special hazards arising from the substance or mixture | Inhalation of combustion gases may cause serious health hazards.
During incomplete combustion carbon monoxide can be formed. |
| 5.3 | Advice for firefighters | Wear self-contained breathing apparatus. |

Section 6 Accidental release measures

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| 6.1 | Personal precautions, protective equipment and emergency procedures | Use personal protective equipment. Avoid dust formation. Do not inhale dust. |
| 6.2 | Environmental precautions | Do not allow to enter drainage system, surface or ground water. |
| 6.3 | Methods and material for containment and cleaning up | Collect mechanically. Dispose of in suitable and closed containers. |
| 6.4 | Reference to other sections | See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment. |

See Section 13 for information on disposal.

Section 7 Handling and storage

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| 7.1 | Precautions for safe handling | Avoid dust formation. Ensure adequate ventilation if dust is formed. Follow standard measures for preventive fire protection. Do not eat, drink or smoke while working. |
| 7.2 | Conditions for safe storage, including any incompatibilities | Store cool and dry in well-sealed containers. Keep away from food, drink and animal feeding stuffs. |
| 7.3 | Specific end use(s) | No further relevant information available. |

Section 8 Exposure controls/personal protection

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| 8.1 | Control parameters | Components with limit values that require monitoring at the workplace: Not required. |
| 8.2 | Exposure controls | <p>General protective and hygienic measures
Wash hands during breaks and at the end of the work. Ensure good ventilation/exhaustion at the workplace. Keep away from foodstuffs, beverages and food.</p> <p>Breathing equipment: When dusts are generated, wear respiratory protection.</p> <p>Hand protection: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. Penetration time of glove material: With solid dry substances permeation is not to be expected. Therefore, the breakthrough-time for this protective glove has not been measured.</p> <p>Eye/face protection: Where dusting potential exist, goggles should be worn.</p> |

Section 9 Physical and chemical properties

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| 9.1 | Information on basic physical and chemical properties | |
| | a) Physical state: | Solid |
| | b) Color: | Off-white to whitish yellow to light yellow to yellowish |
| | c) Odor: | Odorless to characteristic |

	d) Melting point:	Not applicable
	e) Boiling point:	Not determined
	f) Flammability:	Combustible, does not ignite readily
	g) Lower and upper explosion limit:	Not determined
	h) Flash point:	Not applicable
	i) Auto-ignition temperature:	Not determined
	j) Decomposition temperature:	Not determined
	k) pH:	6 – 8 in aqueous solution at 1%
	l) Viscosity:	Not determined
	m) Solubility:	Soluble in water
	n) Partition coefficient n-octanol/water (log value):	Not determined
	o) Vapour pressure:	Not applicable
	p) Density and/or relative density	Not determined
	q) Vapour density	Not applicable
	r) Particle properties	No data available
9.2	Other information	None

Section 10 Stability and reactivity

10.1	Reactivity	No further relevant information available.
10.2	Chemical stability	Stable under standard ambient and anticipated storage conditions.
10.3	Possibility of hazardous reactions	No dangerous reactions known.
10.4	Conditions to avoid	No further relevant information available.
10.5	Incompatible materials	No further relevant information available.
10.6	Hazardous decomposition products	None in case of intended use and storage in compliance with instructions. Refer to Section 5 for hazardous combustion products.

Section 11 Toxicological information

11.1	Information on hazard classes as defined in Regulation (EC) No 1272/2008
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	a) Acute toxicity:	Based on available data, the classification criteria are not met.
	b) Skin corrosion/irritation:	Based on available data, the classification criteria are not met.
	c) Serious eye damage/irritation:	Based on available data, the classification criteria are not met.
	d) Respiratory or skin sensitisation:	Based on available data, the classification criteria are not met.
	e) Germ cell mutagenicity:	Based on available data, the classification criteria are not met.
	f) Carcinogenicity:	Based on available data, the classification criteria are not met.
	g) Reproductive toxicity:	Based on available data, the classification criteria are not met.
	h) STOT-single exposure:	Based on available data, the classification criteria are not met.
	i) STOT-repeated exposure:	Based on available data, the classification criteria are not met.
	j) Aspiration hazard:	Based on available data, the classification criteria are not met.
11.2	Information on other hazards	
	a) Endocrine disrupting properties	Substance is not listed.
	b) Other information	None

Section 12 Ecological information

12.1	Toxicity	No further relevant information available.
12.2	Persistence and degradability	No further relevant information available.
12.3	Bioaccumulative potential	No further relevant information available.
12.4	Mobility in soil	No further relevant information available.
12.5	Results of PBT and vPvB assessment	Not applicable
12.6	Endocrine disrupting properties	The product does not contain substances with endocrine disrupting properties.
12.7	Other adverse effects	No further relevant information available.

Section 13 Disposal considerations

13.1	Waste treatment methods	Collect mechanically or incinerate. Dispose of packaging according to regulations on the disposal of packaging. Non-contaminated packaging can be used for recycling. Packaging that cannot be cleaned are to be disposed of in the same manner as the product.
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Section 14 Transport information

14.1	UN number or ID number	Void
14.2	UN proper shipping name	Void
14.3	Transport hazard class(es)	Not subject to ADR/IATA/IMDG/RID regulations
14.4	Packing group	Void
14.5	Environmental hazards	Not applicable
14.6	Special precautions for user	Not applicable
14.7	Maritime transport in bulk according to IMO instruments	Not applicable

Section 15 Regulatory information

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture	None
15.2	Chemical safety assessment	A Chemical Safety Assessment has not been carried out.

Section 16 Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. This safety data sheet complies with the requirements of Regulation (EU) 2015/830 and 2020/878 amending Annex II of Regulation (EC) 1907/2006.

Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

Safety Data Sheet

according to Regulation (EC) 1907/2006 (REACH)



matipure® - Cosmetic-grade hydrolyzed elastin

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GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Allergens

EU: Regulation (EU) 1169/2011

matripure® is not derived from or does contain any of the products and substances listed in Annex II of Regulation (EU) No. 1169/2011.

US: FALCPA

This product is not derived from the following materials identified in the Food Allergen Labeling and Consumer Protection Act of 2004 (FALCPA) as major food allergens: milk, egg, fish, crustacean shellfish, tree nuts, wheat, peanuts and soybeans.

Latex

matripure® is not derived from or does contain latex.

Animal-derived ingredients

BSE/TSE

matripure® is an animal-derived ingredient. In relation to U.S. regulations 21 CFR 189.5 and 21 CFR 700.27, *matripure®* is not produced from prohibited cattle materials. Raw materials used in the manufacture of *matripure®* are sourced in food-grade quality and exclude all specified risk material as defined in Annex V of Regulation (EC) No. 999/2001. All subsequent processing steps are performed under controlled food-grade manufacturing conditions. The manufacturing process of *matripure®* includes conditions demonstrated in scientific literature to be effective in reducing scrapie agent titers in scrapie-infected tissues.

Animal Testing

Regulation (EC) No. 1223/2009

matripure® complies with Chapter V, Article 18 'Animal testing' of Regulation (EC) No. 1223/2009.

California Proposition 65

matripure® is not specifically analyzed for the presence of the substances listed in Proposition 65. Based on our knowledge of the raw materials and manufacturing process, we have no reason to expect that this product would contain substances at levels which would require warning as required by Proposition 65.

Contaminants

matripure® is analyzed on microbiological contaminants and heavy metals by an independent accredited laboratory (DIN EN ISO/IEC 17025/2018). More detailed information is to find in the certificate of analysis (CoA).

Country of origin

matripure® is produced in Germany. The animal-derived material is sourced from a German supplier.

Ethylene oxide

matripure® is not produced with ethylene oxide, nor is it treated with ethylene oxide during transport and storage.

Forbidden substances

matripure® is not produced with or does contain any toxic, narcotic, psychotropic or other forbidden substances.

Genetically Modified Organisms (GMO)

EU Directive 2001/18/EC and Regulations (EC) No. 1829/2003 and (EC) No. 1830/2003

For the manufacture of *matripure*®, no raw materials, processing aids, enzymes, or other substances derived from Genetically Modified Organisms are used. Accordingly, *matripure*® is neither derived from, produced using, nor does it contain Genetically Modified Organisms.

Good manufacturing practice

ISO 22716

matripure® is manufactured in accordance with the Good Manufacturing Practice (GMP) guidelines of ISO 22716. Compliance with these standards is independently audited and certified.

INCI

HYDROLYZED ELASTIN

Irradiation

matripure® was not treated with irradiation during or after manufacturing.

Metal catalysts

matripure® is produced without the use of metal catalysts or metal reagents.

Natural Cosmetics

ISO 16128

Cosmos

Natrue

matripure® is considered 'ingredient of natural origin' according to ISO 16128.

matripure® is currently not Natrue or Cosmos certified.

Others

Phthalates, Fructose

matripure® is not derived from or does contain phthalates or fructose.

Palm oil

matripure® is not derived from or does contain any palm oil.

Raw materials and production

matripure® is produced from mammalian elastin via hydrolysis.

REACH and CLP

Regulation (EC) No. 1907/2006

Regulation (EC) No. 1272/2008

To our knowledge *matripure*® does not contain any substance of very high concern (SVHC) with concentrations exceeding 0.1 mass percentage according to the Regulation (EC) No. 1907/2006 (REACH), Article 7(2) and Article 33, respectively and does not contain any substances classified as carcinogenic, mutagenic or toxic for reproduction (CMR), of category 1A, 1B or 2, under Part 3 of Annex VI to Regulation (EC) No. 1272/2008 (CLP).

Residual solvents

During the production of *matripure*® no organic solvents are used.

Viral safety

matripure® is considered unlikely to pose a risk of viral contamination. The animal-derived raw material is sourced in food-grade quality, and the manufacturing process is carried out in accordance with European food hygiene standards and includes harsh physicochemical processing conditions.

Tariff number (HS Code/TARIC)

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