

# Safety Data Sheet

acc. to OSHA HCS

Printing date 06/27/2023

Version number 1

Reviewed on 06/26/2023

## 1 Identification

- **Product identifier**
  - **Trade name:** **Elastin, unlöslich**
    - **Article number:** 1020010, 1030010
    - **CAS Number:** 9007-58-3
    - **Application of the substance / the mixture**  
Laboratory chemicals  
Fabric production
- **Details of the supplier of the safety data sheet**
  - **Manufacturer/Supplier:**  
matrihealth GmbH  
Weinbergweg 23  
06120 Halle (Saale)  
Tel.: +49 172 5816441  
Email: info@matrihealth.com  
www.matrihealth.com
  - **Information department:**  
Technical management:  
+49 172 5816441
  - **Emergency telephone number:**  
Phone 0800 181 7059  
+49 (0)696 43508409

## 2 Hazard(s) identification

- **Classification of the substance or mixture**  
The substance is not classified, according to the Globally Harmonized System (GHS).
- **Label elements**
  - **GHS label elements** Void
  - **Hazard pictograms** Void
  - **Signal word** Void
  - **Hazard statements** Void
- **Other hazards**
  - **Results of PBT and vPvB assessment**
    - **PBT:** Not applicable.
    - **vPvB:** Not applicable.

## 3 Composition/information on ingredients

- **Chemical characterization: Substances**
  - **CAS No. Description**  
9007-58-3 Elastin

## 4 First-aid measures

- **Description of first aid measures**
  - **General information:** No special measures required.
  - **After inhalation:** Supply fresh air; consult doctor in case of complaints.
  - **After skin contact:**  
Wash with water and soap.  
If skin irritation continues, consult a doctor.
  - **After eye contact:**  
Rinse opened eye for several minutes under running water.

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Remove contact lenses if possible.

In case of permanent aches and pains please go and see the doctor.

· **After swallowing:**

Rinse out mouth and then drink plenty of water.

If symptoms persist consult doctor.

· **Information for doctor:**

· **Most important symptoms and effects, both acute and delayed**

No further relevant information available.

· **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

### 5 Fire-fighting measures

· **Extinguishing media**

· **Suitable extinguishing agents:**

Use fire fighting measures that suit the environment.

Foam, CO<sub>2</sub>, dry chemicals, water spray

· **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.

· **Advice for firefighters**

· **Protective equipment:** Wear self-contained respiratory protective device.

### 6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures**

Avoid contact to eyes, skin and clothes.

Avoid formation of dust.

Avoid inhalation of dusts.

· **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

· **Methods and material for containment and cleaning up:** Pick up mechanically.

· **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 disposal information.

· **Protective Action Criteria for Chemicals**

· **PAC-1:**

Substance is not listed.

· **PAC-2:**

Substance is not listed.

· **PAC-3:**

Substance is not listed.

### 7 Handling and storage

· **Handling:** Do not eat, drink, smoke or sniff while working.

· **Precautions for safe handling**

Prevent formation of dust.

Provide suction extractors if dust is formed.

· **Information about protection against explosions and fires:**

Dust can combine with air to form an explosive mixture.

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- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
  - **Requirements to be met by storerooms and receptacles:**  
Store cool and dry in well sealed containers.
  - **Information about storage in one common storage facility:**  
Keep away from food, drink and animal feeding stuffs.
  - **Further information about storage conditions:** None.
- **Specific end use(s)** No further relevant information available.

### 8 Exposure controls/personal protection

- **Control parameters**
- **Components with limit values that require monitoring at the workplace:** Not required.
  - **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
  - **General protective and hygienic measures:**  
Wash hands before breaks and at the end of work.  
Ensure good ventilation/exhaustion at the workplace.  
Keep away from foodstuffs, beverages and feed.
  - **Breathing equipment:** When dusts are generated, wear respiratory protection.
  - **Protection of hands:**  
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.
  - **Eye protection:** Where dusting potential exist, goggles should be worn.

### 9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
  - **Appearance:**
    - **Form:** Solid
    - **Color:** Yellowish
    - **Odor:** Odorless
    - **Odor threshold:** Not determined.
- **pH-value:** Not applicable.
- **Change in condition**
  - **Melting point/Melting range:** Undetermined.
  - **Boiling point/Boiling range:** Undetermined.
- **Flash point:** Not applicable.
- **Flammability (solid, gaseous):** Product is not flammable.
- **Auto igniting:** Not determined.
- **Decomposition temperature:** Not determined.
- **Ignition temperature:** Not determined.

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· <b>Danger of explosion:</b>	Product does not present an explosion hazard.
· <b>Explosion limits:</b>	
· <b>Lower:</b>	Not determined.
· <b>Upper:</b>	Not determined.
· <b>Vapor pressure:</b>	Not applicable.
· <b>Density:</b>	Not determined.
· <b>Relative density</b>	Not determined.
· <b>Vapor density</b>	Not applicable.
· <b>Evaporation rate</b>	Not applicable.
· <b>Solubility in / Miscibility with</b>	
· <b>Water:</b>	Soluble. Fully miscible.
· <b>Segregation coefficient (n-octanol/water):</b>	Not determined.
· <b>Viscosity:</b>	
· <b>Dynamic:</b>	Not applicable.
· <b>Kinematic:</b>	Not applicable.
· <b>VOC content:</b>	0.00 %
· <b>Solids content:</b>	100.0 %
· <b>Other information</b>	No further relevant information available.

### 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
  - **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:**  
None in case of intended use and storage in compliance with instructions.

### 11 Toxicological information

- **Information on toxicological effects**
  - **Acute toxicity:**
    - **Primary irritant effect:**
      - **on the skin:** not determined
      - **on the eye:** Not determined.
    - **Sensitization:** not determined
  - **Additional toxicological information:** The substance is not subject to classification.
  - **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

Substance is not listed.

- **NTP (National Toxicology Program)**

Substance is not listed.

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 · **OSHA-Ca (Occupational Safety & Health Administration)**

Substance is not listed.

### 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Other information:** There are no data available about the preparation.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 1 (Self-assessment): slightly hazardous for water (Germany)  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

- **Uncleaned packagings:**
- **Recommendation:**  
Dispose of packaging according to regulations on the disposal of packagings.  
Non contaminated packagings can be used for recycling.  
Packagings that cannot be cleansed are to be disposed of in the same manner as the product.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

### 14 Transport information

- |  |                           |
|--|---------------------------|
| · <b>UN-Number</b>   |                           |
| · <b>DOT, ADR/RID, IMDG, IATA</b>  | Void                      |
| · <b>UN proper shipping name</b>   |                           |
| · <b>DOT, ADR/RID, IMDG, IATA</b>  | Void                      |
| · <b>Transport hazard class(es)</b>  |                           |
| · <b>DOT</b>   |                           |
| · <b>Class</b>   | Void<br>No hazardous good |
|  |                           |
| · <b>ADR/RID, ADN, IMDG, IATA</b>  |                           |
| · <b>Class</b>   | Void                      |
| · <b>Packing group</b>   |                           |
| · <b>DOT, ADR/RID, IMDG, IATA</b>  | Void                      |
| · <b>Environmental hazards:</b>  | Not applicable.           |
| · <b>Special precautions for user</b>  | Not applicable.           |
| · <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> | Not applicable.           |

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- |  |  |
|--|--|
| <b>· Transport/Additional information:</b> | Not dangerous according to the above specifications. |
| <b>· UN "Model Regulation":</b>            | Void   |

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

No further relevant information available.

- **Sara**

- **Section 355 (extremely hazardous substances):**

Substance is not listed.

- **Section 313 (Specific toxic chemical listings):**

Substance is not listed.

- **TSCA (Toxic Substances Control Act):**

Substance is not listed.

- **Hazardous Air Pollutants**

Substance is not listed.

- **Proposition 65**

- **Chemicals known to cause cancer:**

Substance is not listed.

- **Chemicals known to cause reproductive toxicity for females:**

Substance is not listed.

- **Chemicals known to cause reproductive toxicity for males:**

Substance is not listed.

- **Chemicals known to cause developmental toxicity:**

Substance is not listed.

- **Carcinogen categories**

- **EPA (Environmental Protection Agency)**

Substance is not listed.

- **TLV (Threshold Limit Value)**

Substance is not listed.

- **NIOSH-Ca (National Institute for Occupational Safety and Health)**

Substance is not listed.

- **Canadian substance listings:**

- **Canadian Domestic Substances List (DSL)**

Substance is listed.

- **Canadian Non-Domestic Substances List (NDSL)**

Substance is not listed.

- **Canadian Ingredient Disclosure list (limit 0.1%)**

Substance is not listed.

- **Canadian Ingredient Disclosure list (limit 1%)**

Substance is not listed.

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing SDS:**

► **DEKRA** This Safety Data Sheet has been drawn up in cooperation with:  
DEKRA Assurance Services GmbH, Hanomagstr. 12, D-30449 Hanover, Germany,  
phone: (+49) 511 42079 - 0, reach@dekra.com.

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· **Contact:**

· **Date of preparation / last revision** 06/27/2023

· **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  
DOT: US Department of Transportation  
IATA: International Air Transport Association  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
VOC: Volatile Organic Compounds (USA, EU)  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
NIOSH: National Institute for Occupational Safety  
OSHA: Occupational Safety & Health  
TLV: Threshold Limit Value  
PEL: Permissible Exposure Limit  
REL: Recommended Exposure Limit

US