

**Safety data sheet**  
**according to 1907/2006/EC, Article 31**

Printing date Aug 30, 2019

Revision: Aug 30, 2019

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name: PEG-Link****1.2 Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

**Application of the substance / the mixture**

Laboratory chemicals

**1.3 Details of the supplier of the safety data sheet**

Manufacturer/Supplier:

Cellendes GmbH

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**Informing department:**

Dr. Helmut Wurst

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Telephone: +49 7121 15940 0 (8 - 16 hour)

**National Poisons Information Service (Birmingham Unit)**

Telephone: +44 121 507 4123

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

The product is not classified according to the CLP regulation.

**2.2 Label elements****Labelling according to Regulation (EC) No 1272/2008**

Void

**Hazard pictograms**

Void

**Signal word**

Void

**Hazard statements**

Void

**2.3 Other hazards****Results of PBT and vPvB assessment****PBT:**

Not applicable

**vPvB:**

Not applicable.

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**SECTION 3: Composition/information on ingredients****3.1 Substance****Description:**

modified polyethyleneglycol

**Dangerous components:**

Void

**SECTION 4: SECTION 4: First aid measures****4.1 Description of first aid measures****General information**

No special measures required.

**After inhalation**

Seek medical treatment in case of complaints.

**After skin contact**

Instantly rinse with water.

**After eye contact**

Rinse opened eye for several minutes under running water. Then consult doctor.

**After swallowing**

Seek immediate medical advice.

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

No further relevant information available.

**Information for doctor**

No particular measures are known - treat according to symptoms.

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

No further relevant information available.

**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing agents**

Use water spray, alcohol resistant foam, dry chemical or carbon dioxide

**For safety reasons unsuitable extinguishing agents**

Not applicable

**5.2 Special hazards arising from the substance or mixture**

No further relevant information available.

**5.3 Advice for firefighters**

Wear self-contained breathing apparatus for firefighting, if necessary.

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#### SECTION 6: SECTION 6: Accidental release measures

##### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing vapours  
For personal protection see Section 8

##### 6.2 Environmental precautions:

No special measures required.

##### 6.3 Methods and material for containment and cleaning up:

Sweep up and shovel. Keep in suitable container for disposal.

##### 6.4 Reference to other sections

See Section 13 for information on disposal.

#### SECTION 7: Handling and storage

##### 7.1 Precautions for safe handling

Provide appropriate exhaust ventilation at places where dust is formed.  
For precautions see Section 2.2.

##### Information about protection against explosions and fires:

No special measures required.

##### 7.2 Conditions for safe storage, including any incompatibilities

###### Storage

###### Requirements to be met by storerooms and containers:

≤2 months: 4°C

>2 months: -20°C

###### Information about storage in one common storage facility:

Not required.

###### Further information about storage conditions:

None.

###### Storage class

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##### 7.3 Specific end use(s)

No further relevant information available.

#### SECTION 8: Exposure controls/personal protection

##### 8.1 Control parameters

Components with workplace control parameters

##### 8.2 Exposure controls

Appropriate engineering controls

General industrial hygiene practice

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**Personal protective equipment****General protective and hygienic measures**

The usual precautionary measures should be adhered to general rules for handling chemicals.

**Breathing equipment:**

Not required.

**Protection of hands:**

Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves**

Nitrile rubber, NBR

Butyl rubber, BR

**Recommended thickness of the material:**

≥0.10 mm

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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**As protection from splashes gloves made of the following materials are suitable:**

PVC gloves

**Not suitable are gloves made of the following materials:**

Strong gloves

Leather gloves

**Eye protection:**

Safety glasses recommended during refilling.

Not required.

**Body protection:**

Protective work clothing.

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#### SECTION 9: Physical and chemical properties

##### 9.1 Information on basic physical and chemical properties

###### General Information

###### Appearance:

Form: Solid

Colour: White

Odour: Not determined

Odour threshold: Not determined.

pH-value: Not applicable

###### Change in condition

Melting point/Melting range: Not determined

Boiling point/Boiling range: Not determined

Flash point: Not determined

Inflammability (solid, gaseous) Not determined

###### Ignition temperature:

Decomposition temperature: Not determined

###### Self-inflammability:

Not determined

###### Danger of explosion:

Product is not explosive.

###### Critical values for explosion:

Lower: Not determined

Upper: Not determined.

###### Vapour pressure at 20 °C:

Not determined

###### Density

Not determined

###### Relative density

Not determined

###### Vapour density

Not determined.

###### Evaporation rate

Not determined

Solubility in / Miscibility with Water: Fully miscible

Partition coefficient (n-octanol/water): Not determined

###### Viscosity:

dynamic: Not determined

kinematic: Not determined

##### 9.2 Other information

No further relevant information available.

#### SECTION 10: Stability and reactivity

##### 10.1 Reactivity

No further relevant information available

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**10.2 Chemical stability**

Stable under recommended storage conditions

**10.3 Possibility of hazardous reactions**

No data available

**10.4 Conditions to avoid**

No further relevant information available.

**10.5 Incompatible materials:**

Strong oxidizing agents

**10.6 Hazardous decomposition products:**

In the event of fire: see Section 5

**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute toxicity**

No data available

**Primary irritant effect:****Skin corrosion/irritation**

No data available

**Serious eye damage/irritation**

No data available

**Respiratory or skin sensitisation**

No data available

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)****Germ cell mutagenicity**

No data available

**Carcinogenicity**

IARC: No component of this mixture present at levels greater than or equal 0.1% is identified as probable, possible or confirmed human carcinogen by IARC

**Reproductive toxicity**

No data available

**STOT-single exposure**

No data available

**STOT-repeated exposure**

No data available

**Aspiration hazard**

No data available

**SECTION 12: Ecological information****12.1 Toxicity**

No data available

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**12.2 Persistence and degradability**

No data 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****PBT:**

Not applicable.

**vPvB:**

Not applicable.

**12.6 Other adverse effects**

No further relevant information available.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Product**

Offer surplus and non-recyclable solutions to a licenced disposal company

**Contaminated packagings:**

Disposal must be made according to official regulations.

**SECTION 14: Transport information****14.1 UN-Number**

ADR, ADN, IMDG, IATA

Void

**14.2 UN proper shipping name**

ADR, ADN, IMDG, IATA

Void

**14.3 Transport hazard class(es)**

ADR, ADN, IMDG, IATA

Class

Void

**14.4 Packing group**

ADR, IMDG, IATA

Void

**14.5 Environmental hazards:**

Not applicable.

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**14.6 Special precautions for user**

No data available

**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable.

**Transport/Additional information:**

Not dangerous according to the above specifications

**UN "Model Regulation":**

Void

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

This datasheet complies with the requirements of Regulation (EC) No. 1906/2006

**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.*

**Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchand

ses 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

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

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

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative