

Safety data sheet
according to Regulation (EC) 1907/2006

Printing date Oct 16, 2019

Date of compilation: Oct 16, 2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: Hy-Link

1.2 Relevant identified uses of the substance or mixture and uses advised against

Application of the substance / the mixture

Laboratory chemicals

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Cellendes GmbH

Markwiesenstr. 55

72770 Reutlingen

Telephone: +49 7121 15940 0

Fax: +49 7121 15940 99

info@cellendes.com

www.cellendes.com

Informing department:

Dr. Helmut Wurst

Telephone: +49 7121 15940 0

1.4 Emergency telephone number:

Dr. Helmut Wurst

Telephone: +49 7121 15940 0

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.

SECTION 3: Composition/information on ingredients

3.1 Substance

Description:

thiol-modified sodium hyaluronate

Dangerous components:

Void

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

No special measures required.

After inhalation

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

After skin contact

Instantly wash off with soap and plenty of 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.

5.4 Further information

No data available

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 store rooms 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**
13
- 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**
Contains no substances with occupational exposure limit values.
- 8.2 Exposure controls**
- Appropriate engineering controls**
General industrial hygiene practice
- Personal protective equipment**
- General protective and hygienic measures**
The usual precautionary measures should be adhered to general rules for handling chemicals.
- Eye/face protection:**
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).
- Protection of hands/skin:**
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.
- Body protection:**
Protective work clothing.
- Respiratory protection:**
Not required.
- Control of environmental exposure**

No special environmental precautions required.

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

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:

Carbon oxides, sulfur oxides.

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

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

Not dangerous goods

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.

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 safety 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 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

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