
1. Identification of the substance or preparation**CryoGlue**

Article #: 30001100

REACH registration number: -

Use of the substance/preparation:

Cryosectioning Tissue Embedding Medium.
The product is intended for research, analysis and scientific education.**Company/undertaking identification****Manufacturer / Supplier:**SLEE medical GmbH
Lise-Meitner-Strasse 11**Telephone:** +49 (0) 6131 958 710**Telefax:** +49 (0) 6131 958 717 22

D 55129 Mainz

Further remarks:

SLEE medical GmbH

Information Telephone: +49 (0) 6131 958 710**Information Telefax:** +49 (0) 6131 958 717 22**E-mail (competent person):** mail@slee.de**Website:** <http://www.slee.de>**Emergency telephone:****Telephone:** +49 (0) 6131 192 40 or
+49 (0) 700 443 846 36

Giftinformationszentrum der Länder Rheinland-Pfalz und Hessen

Dept. responsible for information:

SLEE medical GmbH

2. Hazards identification**Classification/labelling:****Hazard symbols:**

-

R phrases:

-

Critical hazard to man and environment:

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

Labelling (EU-GHS):**Hazard pictograms:**

-

Signal word:

-

H phrases:

EUH210

Safety data sheet available on request.

3. Composition/information on ingredients

Chemical characterization (preparation):

Mixture of different homopolymers alcohols in water.
Contains other additives below 0.01 wt -%.

Dangerous ingredients:

Alcohols, homopolymers

Concentration: > 15 wt-%

EC-no.:

CAS-No.:

Classification: EU-GHS: [-] -

GefStoffV: [-] -

Additional information:

Full text of R-phrases: see section 16.

4. First aid measures

General information:

In case of accident or if you feel unwell, seek medical advice immediately (show safety data sheet if possible).

Following inhalation:

Move victim to fresh air. Put victim at rest and keep warm.

After skin contact:

Seek medical attention if problems persist.

Following eye contact:

After contact with skin, wash immediately with plenty of water and soap.

In case of skin irritation, seek medical treatment.

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

After ingestion:

Rinse mouth immediately and drink large quantities of water.

No administration in cases of unconsciousness or cramps.

Do not induce vomiting.

Immediately get medical attention.

Self-protection of the first aider:

First aid assistant: Pay attention to self-protection!

Information to physician:**Symptoms:**

No symptoms known up to now.

Nature of Hazard:

No risks worthy of mention.

Treatment:

Treat symptomatically.

5. Fire fighting measures

General information:

Extinguishing materials should be selected according to the surrounding area. The product itself is not combustible.

Suitable extinguishing media:

Water fog. alcohol resistant foam. Dry extinguishing powder. Carbon dioxide (CO₂).

Extinguishing media which must not be used for safety reasons:

High power water jet.

Special exposure hazards arising from the substance itself, combustion products, resulting gases:

Pyrolysis products, toxic. Carbon dioxide. Carbon monoxide. Nitrogen oxides (NOx). Ammonia.

Special protective equipment for fire-fighters:

In case of fire: Wear self-contained breathing apparatus.

Additional information:

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

6. Accidental release measures

Personal precautions:

Wear personal protection equipment.
See protective measures under point 7 and 8.

Environmental precautions:

Do not empty into drains or the aquatic environment.
Do not allow to enter into soil/subsoil.

Methods for cleaning up:

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Treat the assimilated material according to the section on waste disposal.
Avoid generation of dust.
Clear contaminated area thoroughly.
Wash with generous amount of water.

Additional information:

Eliminate leaks immediately.

7. Handling and storage

Handling**Information for safe handling:**

Avoid contact with skin and eyes.

Technical measures:

No special technical protective measures are necessary.

Precautions against fire and explosion:

No special fire protection measures are necessary.

Additional information:

none

Storage**Technical measures and storage conditions:**

Keep in a cool, well-ventilated place.

Packaging materials:

Keep/Store only in original container.

Requirements for storerooms and containers:

Keep container tightly closed.

Information about storage in one common storage facility:

Do not store together with: Oxidizing agents. Reducing agents.

Keep away from food, drink and animal feedingstuffs.

Further information concerning storage conditions:

Protect against: heat.

Storage class: 12 non-combustible liquids.

Specific use(s):

Observe instructions for use.

8. Exposure controls / Personal protection equipment

Exposure limit values:

Does not contain substances above concentration limits fixing an occupational exposure limit.

Components with workplace or biological limit values to be monitored:**Exposure controls****Occupational exposure controls:**

Do not eat, drink, smoke or sneeze at the workplace.

Wash hands before breaks and at the end of work.

Apply skin care products after work.

Wash contaminated clothing prior to re-use.

Respiratory protection:

With correct and proper use, and under normal conditions, breathing protection is not required.

Hand protection:

Tested protective gloves are to be worn: German Industry Norms (DIN) / European Norms (EN): DIN EN 374

Breakthrough times and swelling characteristics of the material must be taken into consideration.

Before using check leak tightness / impermeability.

Eye protection:

Tightly sealed safety glasses.

Skin protection:

Skin protection: not required.

Environmental exposure controls:

refer to chapter 7. No further action is necessary.

Consumer exposure controls:

refer to chapter 7. No further action is necessary.

9. Physical and chemical properties

Appearance

State of matter:

liquid

Paint:

colourless

Odour:

characteristic

Safety relevant basis data

pH:	7
Melting point / melting range:	No data available
Boiling temperature / boiling range:	No data available
Flash point:	No data available
Explosion hazard:	not explosive.
Ignition temperature:	No data available
Density:	No data available
Solubility in water:	partially soluble
Fat solubility:	No data available
Distribution coefficient (n-octanol / water) (log P O/W):	No data available
Viscosity:	No data available

General information:

none

10. Stability and reactivity

Conditions to avoid:

heat.

Materials to avoid:

Oxidizing agents. Reducing agents.

Hazardous decomposition products:

Pyrolysis products, toxic. Carbon dioxide. Carbon monoxide. Nitrogen oxides (NOx). Ammonia.

Additional information:

none

11. Toxicological information

Acute toxicity:

No information available.

Specific symptoms in laboratory animals:

No information available.

Irritation and etching**Irritant effect on the skin:** Not an irritant.**Irritant effect on the eye:** Not an irritant.**Irritant effect on the respiratory tract:** Not an irritant.**Sensitization:**

no danger of sensitization.

Repeated dose toxicity:

No information available.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):

none

Additional information:

none

Practical experience:

none

Other observations:

none

General remarks:none

12. Ecological information

Ecotoxicity:

There are no data available on the mixture itself.

Mobility:

There are no data available on the mixture itself.

Persistence and Biodegradation:

There are no data available on the mixture itself.

Bioaccumulative potential:

There are no data available on the mixture itself.

Results of PBT assessment:

There are no data available on the mixture itself.

Other harmful effects:

none

Further ecological information:

Do not empty into drains or the aquatic environment. Do not allow to enter into soil/subsoil.

Further details:none

13. Disposal considerations

Appropriate disposal/Product:

Waste disposal according to EC Directives 75/442/EEC and 91/689/EEC on waste and hazardous waste in their latest versions.

Control report for waste code/ waste marking according to EAKV:

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Waste key product: 18 01 07 or 18 02 06**Waste key packaging:** 18 01 07 or 18 02 06**Contaminated packaging:**

Cleaned containers may be recycled. Handle contaminated packaging in the same way as the substance itself.

Remark:Waste disposal according to official state regulations.

14. Transport information

Overland transport (ADR/RID)

Official directive for the transport:
CRYOSECTIONING TISSUE EMBEDDING MEDIUM
CRYOGLUE

UN No.: -
Label: - **Packing Group:** - **Classification code:** -
Remark: Not a hazardous material with respect to these transportation regulations.

Transport by sea (IMDG)

Proper Shipping name:
CRYOSECTIONING TISSUE EMBEDDING MEDIUM
CRYOGLUE

UN-No.: -
Label: - **Packing Group:** -
EmS-No: - **MFAG:** - **Marine pollutant:** -
Special Provisions: Keep away from food, drink and animal feedingstuffs.
Remark: Not a hazardous material with respect to these transportation regulations.

Air transport (ICAO-TI / IATA-DGR)

Proper Shipping name:
CRYOSECTIONING TISSUE EMBEDDING MEDIUM
CRYOGLUE

UN/ID-No.: -
Label: - **Packing Group:** -
Remark: Not a hazardous material with respect to these transportation regulations.
Mailing: Not a hazardous material with respect to these transportation regulations.

15. Regulatory information

Labeling:
Classification and labelling follow the criteria described in annex VI of the substance directive (67/548/EEC).

For this preparation a chemical safety assessment has been carried out: -

Danger symbol(s) and danger term(s) for dangerous materials and preparations:

-

Phrases R:

-

Phrases S:

1/2 Keep locked up and out of the reach of children.
13 Keep away from food, drink and animal feedingstuffs.
20/21 When using do not eat, drink or smoke.
24/25 Avoid contact with skin and eyes.

45 In case of accident or if you feel unwell, seek medical advice immediately (show this label if possible).

Hazard pictograms:

-

Signal word:

-

Phrases H:

EUH210 Safety data sheet available on request.

Phrases P:

- 101 If medical advice is needed, have product container or label at hand.
- 102 Keep out of reach of children.
- 103 Read label before use.
- 262 Do not get in eyes, on skin, or on clothing.
- 270 Do not eat, drink or smoke when using this product.
- 309+311 IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
- 501 Dispose of contents/container to Waste Disposal Facility?.

Hazardous component(s) for labelling:

none

Special labelling of particular preparations:

Safety data sheet available for professional user on request.

EU-Regulations:**Data concerning the Directive 1999/13/EC on the limitation of emissions of volatile organic compounds (VOC-RL):**

none

Regulation (EC) No 648/2004 (Detergents regulation):

none

National regulations:

Moreover, national legislation has to be observed!

Informations on working limitations:

none

Disturbance Ordinance:

none

Storage class:

12 non-combustible liquids.

Water Hazard Class:

1 weak water pollutant (WGK 1)

Technical Instructions on Air Quality (TA-Luft):

none

Further regulations, limitations and legal requirements:

none

16. Other information

Wording of the r-phrases under paragraph 3:

-

Training instructions:

none

Recommended restrictions of use:

refer to chapter 1.

Further remarks:

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

Documentation of changes:

none

Data sources:Data arise from reference works and literature.
