

Safety datasheet MICRO CRYOBANK

In accordance with Regulation (EC) No 1907/2006

Revision date: N/A

Version number: 01

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product Name: MICRO CRYOBANK

Product Code: MCBL2

Product formulation: Cryovials containing colored beads and a cryopreservative solution.

1.2 Relevant identified uses of the substance and uses advised against

Recommended uses: Laboratory use only.

Uses advised against: No information available.

1.3 Details of the supplier of the safety data sheet

Supplier/manufacturer:

DACOS A/S
Lillebæltsvej 35
6715 Esbjerg N
Denmark

Telephone: +45 7630 7600

Email: info@dacos.dk

Web: www.dacos.dk

1.4 Emergency telephone number

Name	Street	Postal code/city	Telephone
Poison Information Center Bispebjerg Hospital	Bispebjerg Bakke 25E	2400 Copenhagen	+45 82 12 12 12

2. Hazards identification

2.1 Classification of the substance

CLP Classification – Regulation (EC) No. 1272/2008: Not hazardous.

Physical hazards: Based on available data, there are none.

Health hazards: Based on available data, there are none.

Environmental hazards: Based on available data, there are none.

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2.2 Labels

Pictogram: None.
Signal word: None.
Hazard statements: None.
Precautionary statements: None.

2.3 Classification according to EU directive 67/548/EEC or 1999/45/EC

Hazard symbol: None.
R-phrases(s): None.
S-phrases(s): None.
Environmental hazards: None.

2.4 Other hazards

No information available.

3. Composition/information on ingredients

Composition: Polypropylene (PP) plastic tubes containing colored glass beads and a cryopreservative solution of peptone, yeast extract, sodium chloride, dextrose, glycerol and double distilled water.

Hazardous ingredients:

Component	CAS-No.	EC-No.	Concentration	CLP Classification - 1272/2008/EC	Classification to - 67/548/EEC
No hazardous components	N/A	N/A	N/A	N/A	N/A

4. First-aid measures

4.1 Description of first aid measures

General advice: Consult a physician. Show this safety data sheet to the doctor.
Eye contact: Rinse thoroughly with plenty of water. Obtain medical attention if irritation persists.
Skin contact: Wash off the skin thoroughly with soap and plenty of water. Obtain medical attention if irritation persists.
Ingestion: Rinse mouth out with plenty of water. Obtain medical attention if symptoms occur.
Inhalation: Move the person to fresh air. Obtain medical attention if symptoms occur.

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4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

No information available.

5. Firefighting measures

5.1 Extinguishing medium

Suitable extinguishing media: Use water spray, CO₂, foam or dry powder.

Extinguishing media which must not be used for safety reasons: No information available.

5.2 Special hazards arising from the substance

Combustible material. Thermal decomposition may lead to release of irritating gases and vapors.

5.3 Advice for firefighters

Wear suitable self-contained breathing apparatus if necessary.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

None specifically required as provided. In use when using freezers of 80°C and below wear suitable protective gloves and eye protection.

6.2 Environmental precautions

Should not be released into the environment.

6.3 Methods and materials for containment and cleaning up

Sweep up or vacuum up spillage in a suitable container for disposal. Avoid dust formation. Dispose material according to microbiological procedures.

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7. Handling and storage

7.1 Precautions for safe handling

Avoid contact with eyes, skin and clothing. Avoid ingestion and inhalation.

7.2 Conditions for safe storage, including any incompatibilities

Store unopened vials at 10°C to 25°C. Keep tightly closed in the container provided. Protect from direct sunlight and from moisture. Inoculated tubes should be stored at -80°C.

7.3 Specific end use(s)

This product is only for laboratory use and should be used by suitably trained laboratory personnel.

8. Exposure controls/personal protection

8.1 Control parameters

Components with workspace control parameters:

Contains no substance with occupational exposure limits.

8.2 Exposure controls

Engineering controls: No engineering protection required.

Personal protective measures:

Body protection:	Wear standard microbiology laboratory coat.
Eye/face protection:	Safety glasses with side shields conforming to EN166.
Skin and hand protection:	Handle with suitable gloves conforming to EN374.
Respiratory protection:	None specifically.

General hygiene measures: Handle in accordance with good laboratory practice. Wash hands before breaks and at the end of the working day. Handle all cultures and tubes according to the appropriate hazard category for the organism and according to local microbiological regulations.

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9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical appearance:	Plastic vials containing colored beads in a cryopreservative fluid with bright yellow color.
Odor:	Odorless.
Odor threshold:	Not applicable.
pH:	7±0.3.
Melting point/freezing point:	No data available.
Initial boiling point and boiling range:	No data available.
Flash point:	No data available.
Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.
Upper/lower flammability or explosive limits:	No data available.
Vapor pressure:	No data available.
Vapor density:	No data available.
Relative density:	No data available.
Solubility(ies):	Soluble in water.
Partition coefficient: n-octanol/water:	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	No data available.
Explosive properties:	This product is not explosive in normal circumstances.
Oxidizing properties:	No data available.

9.2 Other information

No data available.

10. Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under normal conditions.

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10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Avoid exposure to light and keep away from moisture as the content is hygroscopic.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

None under normal use.

11. Toxicological information

11.1 Toxicological information

Acute toxicity:	No data available.
Skin corrosion/irritation:	No data available.
Respiratory or skin sensitization:	No data available.
Germ cell mutagenicity:	No data available.
Carcinogenicity:	No data available.
Reproductive toxicity:	No data available.
STOT-single exposure:	No data available.
STOT-repeated exposure:	No data available.
Aspiration hazard:	No data available.

12. Ecological information

12.1 Toxicity

The product is not hazardous to the environment if proper disposal of the product after use is followed.

12.2 Persistence and degradability

Expected to be biodegradable.

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12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

None known.

12.6 Other adverse effects

No data available.

13. Disposal considerations

13.1 Disposal considerations

Dispose in accordance with local and national regulations. Dispose all used contaminated waste according to local microbiological rules.

14. Transport information

14.1 UN Number

Not dangerous for shipping.

14.2 UN proper shipping name

Not dangerous for shipping.

14.3 Transport hazard class(es)

Not dangerous for shipping.

14.4 Packaging group

Not dangerous for shipping.

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14.5 Environmental hazards

None known.

14.6 Special precautions for user

No data available.

15. Regulatory information

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

No data available.

15.2 Chemical safety assessment

Reports are not required for mixtures/IVD products.

16. Other information

Original origination date: 20/06/2019

Reason for change in document: N/A

This product is intended for *in vitro* use only in the laboratory. Not for use in humans.

This product may contain components of animal origin. Knowledge of the origin and/or sanitary state of the animals does not guarantee the absence of any transmissible pathogenic agents. It is recommended that the products are treated as potentially infectious, and to be handled with usual universal blood precautions. Do not ingest, inhale or allow to come into contact with skin.

The above information is believed to be correct but does not purport to be all inclusive and shall therefore be used as a guide only. The information in this SDS is based on the present state of our knowledge and is applicable to the product with appropriate safety precautions. It does not present any guarantee of the properties of the product and is designed only as a guide for safe handling, usage, processing, storage, transportation, disposal and release. It is not considered a warranty or quality specification. DACOS shall not be held liable for any damage resulting from handling or rom contact with the above product.