

Material Safety Data Sheet

According to Regulation (EC) No. 1907/2006
Version 3.0, Revision Date: 23.10.2017



1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name: **ibidi Freezing Medium Classic**
Product number: 80021, 80022, 80023
REACH No.: A registration number is not available for this mixture as the mixture or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

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

Identified uses: For research use only

1.3 Details of the supplier of the material safety data sheet

Company: ibidi GmbH
Am Klopferspitz 19
82152 Martinsried
Germany
Telephone: +49-89-5204617-0
Fax: +49-89-5204617-59
E-mail address: msds@ibidi.de

1.4 Emergency telephone number

Emergency Phone: +49-89-5204617-0
(Business hours from Monday till Friday between 8 am and 5 pm (UTC+1h))

2 HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

2.2 Label elements

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

2.3 Other hazards

none

3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

No components need to be disclosed according to the applicable regulations.

	Classification	Concentration
DMSO (Methyl sulfoxide / Dimethyl sulfoxide)		
CAS-No.: 67-68-5 EC-No.: 200-664-3	-	1-10%

Material Safety Data Sheet

According to Regulation (EC) No. 1907/2006
Version 3.0, Revision Date: 23.10.2017



4 FIRST AID MEASURES

4.1 Description of first aid measures

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If necessary seek medical advice.

In case of skin contact

In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. In case of skin reactions, consult a physician.

In case of eye contact

Remove contact lenses. Immediately flush eyes with plenty of flowing water for at least 20 minutes, also under the eyelids. If necessary seek medical advice.

If swallowed

Do NOT induce vomiting unless directed to do so by medical personal. Never give anything by mouth to an unconscious person. Rinse mouth with water. If malaise develops, call a physician.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11.

4.3 Indication of any immediate medical attention and special treatment needed

no data available

5 FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

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

5.2 Special hazards arising from the substance or mixture

no data available

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Use personal protective equipment. For personal protection see section 8.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3 Methods and material for containment and cleaning up

Dilute spilled liquid with plenty of water. Wipe up with absorbent material.

6.4 Reference to other sections

For disposal see section 13.

Material Safety Data Sheet

According to Regulation (EC) No. 1907/2006
Version 3.0, Revision Date: 23.10.2017



7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid inhalation of vapor or mist.
For precautions see section 2.2.

7.2 Conditions for safe storage, including incompatibilities

Keep in properly labeled containers. Keep container tightly closed.
Store in a cool place (2-8°C).

7.3 Specific end use(s)

Refer to the instruction for proper and intended use.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

8.2 Exposure controls

Appropriate engineering control

Handle in accordance with good laboratory hygiene and safety practice.

Personal protective equipment

Eye protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. The glove material has to be impermeable and resistant to the product. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with the product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practice. Wash and dry hands.

Body protection

Wear lightweight protective clothing.

Respiratory protection

No special protective equipment required.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a) Appearance	Form: Liquid, clear Color: colorless
b) Odor	no data available
c) Odor Threshold	no data available
d) pH	no data available
e) Melting point/Freezing point	no data available
f) Initial boiling point and boiling range	no data available
g) Flash point	no data available
h) Evaporation rate	no data available
i) Flammability (solid, gas)	no data available
j) Upper/lower flammability or explosive limits	no data available

Material Safety Data Sheet

According to Regulation (EC) No. 1907/2006
Version 3.0, Revision Date: 23.10.2017



k) Vapor pressure	no data available
l) Vapor density	no data available
m) Relative density	no data available
n) Water solubility	miscible
o) Partition coefficient: n-octanol/water	no data available
p) Auto-ignition temperature	no data available
q) Decomposition temperature	no data available
r) Viscosity	no data available
s) Explosive Properties	no data available
t) 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

Product is stable under normal storage conditions and if used according to specifications.

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

Heat, flames and sparks.

10.5 Incompatible materials

no data available

10.6 Hazardous decomposition products

no data available

11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

no data available

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Material Safety Data Sheet

According to Regulation (EC) No. 1907/2006
Version 3.0, Revision Date: 23.10.2017



Carcinogenicity

no data available

Reproductive toxicity

no data available

Specific target organ toxicity – single exposure

no data available

Specific target organ toxicity – repeated exposure

no data available

Aspiration hazard

no data available

Potential health effects

no data available

Signs and Symptoms of Exposure

no data available

12 ECOLOGICAL INFORMATION

12.1 Toxicity

no data available

12.2 Persistence and degradability

no data available

12.3 Bioaccumulative potential

no data available

12.4 Mobility in soil

no data available

12.5 Results of PBT and vPvB assessment

no data available

12.6 Other adverse effects

no data available

13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

14 TRANSPORT INFORMATION

14.1 UN number

ADR/RID: -

IMDG: -

IATA: -

14.2 UN proper shipping name

ADR/RID: Not dangerous good

IMDG: Not dangerous good

