

Safety Data Sheet (SDS)

Date updated: 2021.05.13
Version 3

Section 1 – Product and Company Identification

Product Name	Gamete Buffer
Reference / Code	95702 GBD-100 95703 GBD-250
Product use	For washing and handling gametes in ART procedures
Company	Kitazato Corporation Shizuoka Office
Address	100-10 Yanagishima, Fuji, Shizuoka 416-0932 Japan
Telephone No.	+81-545-65-7122
Fax No.	+81-545-65-7128
Charged by	Quality Assurance Department
Emergency contact No.	Same as above

Section 2 – Hazards Identification

Non-hazardous classified according to Regulation (EC) NO. 1272/2008

Section 3 – Composition / Information on Ingredient

Single product or Mixture Mixture

	<u>Component</u>	<u>CAS No.</u>	<u>Aprox. %</u>
Water		7732-18-5	>90
HEPES		7365-45-9	< 1
Sodium Chloride		7647-14-5	< 1
Sodium Lactate		867-56-1	< 1
Potassium Chloride		7447-40-7	< 1
Sodium Hydrogen Carbonate		144-55-8	< 1
Sodium Pyruvate		113-24-6	< 1
Glucose Monohydrate		14431-43-7	< 1
Magnesium Sulphate Heptahydrate		10034-99-8	< 1
Sodium Dihydrogen Phosphate Dihydrate		13472-35-0	< 1
Calcium Chloride Dihydrate		10035-04-8	< 1

Section 4 – First Aid Measures

When in doubt or if symptoms are observed, get medical advice.

Eye exposure:	Rinse with plenty of water. If irritation or pain, consult a physician.
Skin exposure:	Wash with soap and water after contact.
Inhalation exposure:	Unlikely to occur, breathe fresh air if needed.
Ingestion exposure:	Wash mouth with water and consult a physician.

Section 5 – Fire Fighting Measures

Extinction method:	Foggy reinforcing agent, foam, powder, or carbon dioxide.
Prohibited agent:	Jet water.
Specific Fire-Fighting Measures:	Shut off the fire source. Use powder or carbon dioxide extinguishers at the beginning of fire. It is effective to intercept the air from a big fire with foam extinguishers. Use of water may cause spreading of fire. Cool the surrounding facilities with water spray.
Special Protection for Fire-Fighting:	Wear protective glasses, gloves and respiratory equipment if needed.

Section 6 – Accidental Release Measures

Prevent entry to public waters. Absorb on suitable absorbent.

Section 7 – Handling and Storage

Storage:	Store in original container at 2-8°C away from direct light. Do not freeze. Do not use after the expiry date.
Handling:	No special measures required.

Section 8 – Exposure Controls /Personal Protection

Avoid unnecessary exposure, avoid contact with skin and eyes.
Handle in accordance with good industrial hygiene and safety.
Wash thoroughly after handling.
Use protective glasses, gloves or clothing if needed.

Section 9 – Physical / Chemical Properties

Appearance:	Clear liquid.
pH:	7.3-7.6
Odour:	Odourless.
Melting/Freezing Point:	N/A
Boiling Point:	N/A

Flash Point:	N/A
Vapor Pressure:	N/A
Vapor Density:	N/A
Solubility:	Soluble in water.
Auto-ignition Temperature:	N/A
Decomposition Temp.:	N/A

Section 10 – Stability and Reactivity

Stability:	Stable.
Possibility of Hazardous Reactions:	No data available.
Conditions to avoid:	Avoid extremely low or high temperatures.
Incompatible Materials:	Strong acids and bases.
Hazardous Decomposition Products:	Fume.

Section 11 – Toxicological Information

Acute Toxicity:	No information available
Skin Irritation:	No information available
Eye Irritation:	No information available
Skin Sensitization:	No information available
Germ Cell Mutagenicity:	No information available
Reproductive Toxicity:	No information available
STOT-Single Exposure:	No information available
Aspiration Hazard:	No information available

Section 12 – Environmental Information

No information available

Section 13 – Disposal Considerations

Observe all federal, state and local environmental regulations.

Section 14 – Transport Information

International Regulation:	Not a dangerous good in sense of transport regulation.
Special Precautions:	Load the containers in a manner that they are certain not to result in direct sunlight exposure, damage, corrosion, leak, while being transported.

Load the containers in manner that they are not to fall apart while being transported.

Do not place heavy load on top of the container.

Section 15 – Regulatory Information

The product is evaluated in accordance with Regulation (EC) No 1272/2008 of the European Parliament.

Section 16 – Other Information

This information is furnished to handle safety without warranty, and it is accurate to the best knowledge of Kitazato Corporation. This data on the sheet are related only to the specific material designated herein. Confirm considerable laws, regulations or acts before handling. Kitazato Corporation assumes no legal responsibility for use or reliance upon these data.