

## Safety Data Sheet (SDS)

Date updated: 2021.05.13  
Version 2

---

### Section 1 - Product and Company Identification

---

Product Name	Vitrification Media / Thawing Media
Reference / Code	91101 VT601 91121 VT602
Company	Kitazato Corporation
Address	100-10 Yanagishima, Fuji, Shizuoka
Contact	416-0932 JAPAN Quality Assurance
Charged by	Department
Emergency contact No.	Same as above

---

### Section 2 - Hazards Identification

---

#### Assortment

#### GHS Classification

Physical Hazards:	Not correspond to a GHS standard of classification.
Health Hazards:	Not correspond to a GHS standard of classification.
Environmental Hazards:	Not correspond to a GHS standard of classification

---

### Section 3 - Composition / Information on Ingredient

---

Single product or Mixture	Mixture
Chemical name / Composition	HEPES within Basic Culture Medium Ethylene Glycol Dimethyl Sulfoxide Trehalose Hydroxypropyl Cellulose Gentamicin
Formula	Not applicable
Gazette No	Not applicable
CAS No.	Not applicable

---

### Section 4 – First Aid Measures

---

Eye exposure :	In case of contact with eyes, flush eyes with water as a precaution.
Skin exposure :	In case of contact, wash off with soap and plenty of water. If necessary, consult with a physician.

Inhalation exposure : Remove to fresh air. If breathing becomes difficult, consult with a physician.

Ingestion exposure : Rinse mouth with water. Consult with a physician.

---

**Section 5 – Fire Fighting Measures**

---

Extinction method: Water, foam, extinguishing powder, or carbon dioxide.

Specific Fire-Fighting It is noninflammable.

Measures: Shut off the fire source. Toxic fumes may emit under fire conditions. For fire-fighters, wear a self-contained breathing apparatus.

Special Protective Actions for Fire-Fighting Wearing protective glasses, protective clothing and self-contained breathing apparatus.

---

**Section 6 – Deffluxion Measure**

---

Environmental precaution is none. Absorb on sand or vermiculite and place in appropriate containers for removal and disposal.

---

**Section 7 – Handling and Storage**

---

Handling: Avoid contact with eyes or skin.

Storage: Store in original container at 2-8 degree Celsius.

Protected from light.

Store away from oxidizing agents.

Keep from Freezing (avoid temperature below 2 degrees celsius).

---

**Section 8 – Exposure Controls / PPE**

---

Temperature Unset

Acceptable concentration Unset

Equipment measure Unnecessary

Personal protective equipment Use protective glasses, protective gloves or protective

clothing if needed.

---

**Section 9 – Physical / Chemical Properties**

---

Appearance:	Red limpid liquid
pH	7.2 - 7.6
Odor:	Odorless
Melting/Freezing Point:	No data available.
Boiling point:	No data available.
Flash point:	No data available.
Vapor Pressure:	No data available.
Vapor Density (air=1):	No data available.
Density:	No data available.
Solubility:	Water
Auto-ignition Temperature:	No data available.
Decomposition Temperature:	No data available.
Pour Point:	No data available.
Volatility:	None (at room temperatures)

---

**Section 10 – Stability and Reactivity**

---

Stability:	Stable
Possibility of Hazardous	No data available.
Reactions:	
Conditions to avoid	Avoid excessive heat and open flames.
Incompatible Materials:	Strong oxidizer
Hazardous Decomposition	No data available.
Products:	

---

**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
Carcinogenicity:	No information available
Reproductive Toxicity:	No information available
STOT/Systemic Toxicity - 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**

Land transport (ADR/RID):	Not a dangerous good in sense of this transport regulation.
Inland water ways transport (AND):	Not a dangerous good in sense of this transport regulation.
Sea transport (IMDG):	Not a dangerous good in sense of this transport regulation.
Air transport (ICAO-TP/IATA-DGR):	Not a dangerous good in sense of this transport regulation.
DOT Classification:	Not a DOT controlled material (United States)
UN Classification:	Not a UN controlled material
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 transport. Do not place heavy load on top of the container.

---

**Section 15 – Regulatory Information**

---

No information available

---

**Section 16 – Others**

---

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.