

## SAFETY DATA SHEET

|  |   |          |     |
|--|---|----------|-----|
| Revision Date:   | 2021/10/01  | Version: | 3.0 |
| <b>1, Identification of the substance / mixture and of the company/undertaking</b>   |   |          |     |
| Identification of the substance /preparation   |   |          |     |
| Product Name:  | r-TE  |          |     |
| Product No.  | 1210  |          |     |
| For research use only. Not intended for human or animal diagnostic therapeutic uses. |   |          |     |
| Company / Undertaking Identification   |   |          |     |
| Manufacturer:  | Cell Science & Technology Institute inc. (CSTI)   |          |     |
| Address:   | 1-16-16 Seikaen , Aoba-ku Sendai, 982-0262 Japan  |          |     |
| Telephone:   | TEL : +81-22-399-6608 FAX : +81-22-399-6638   |          |     |
| <b>2, Hazard identification</b>  |   |          |     |
| GHS Classification:  | Classification not possible   |          |     |
| Classification of the substance or mixture :   | Not a hazardous substance or mixture.   |          |     |
| Health hazard:   | Not hazardous.  |          |     |
| Physical hazards:  | Not hazardous.  |          |     |
| Principle Rutes of Exposure/Potential Health effects                                 |   |          |     |
| Eyes:  | May cause eye irritation with susceptible persons.  |          |     |
| Skin:  | May cause skin irritation in susceptible persons.   |          |     |
| Ingalation:  | May be harmful by inhalation.   |          |     |
| Ingestion:   | May be harmful if swallowed.  |          |     |
| Other hazards:   | None.   |          |     |
| <b>3, Composition / information on ingredients</b>                                   |   |          |     |
| Mixtures :   | No components need to be disclosed according to the applicable regulations.   |          |     |
| <b>4, First-aid measures</b>   |   |          |     |
| If inhaled:  | If breathed in, move person into fresh air.   |          |     |
| Skin contact:  | Rinse with plenty of water. If symptoms arise, call a physician.  |          |     |
| Eye contact:   | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms arise, call a physician. |          |     |
| Ingestion:   | Never give anything by mouth to an unconscious person. Rinse mouth with water.  |          |     |
| Notes to physician:  | Treat symptomatically.  |          |     |
| <b>5, Fire-fighting measures</b>   |   |          |     |
| Suitable extinguishing media:  | Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.  |          |     |
| Unsuitable extinguishing media:  | No data available.  |          |     |
| Special hazards arising from the substance or mixture:                               | No data available.  |          |     |
| Advice for firefighters:   | Wear self contained breathing apparatus for fire fighting if necessary.   |          |     |

| <b>6, Accidental release measures</b>                                |   |
|--|---|
| Personal precautions, protective equipment and emergency procedures: | Wear protective glasses, protective gloves.   |
| Environmental precautions:   | Do not let product enter drains.  |
| Methods and materials for containment and cleaning up:               | Soak up with inert absorbent material.  |
| <b>7, Handling and storage</b>                                       |   |
| Handling:  | Avoid contact with skin, eyes and clothing. Wear personal protective equipment.   |
| Storage:   | Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.<br>Recommended storage temperature: 2 - 8 °C |
| <b>8, Exposure controls/Personal protection</b>                      |   |
| Exposure controls:   | Explosion of the product has/ not been confirmed.   |
| Individual protection measures:                                      | Respiratory protection: Mask that has been authenticated in the country<br>Hand protection: Chemical resistant gloves<br>Eye protection: Safety glasses (goggles)<br>Skin protection: Protective clothing                       |
| Control of environmental exposure:                                   | Do not let product enter drains.  |
| <b>9, Physical and chemical properties</b>                           |   |
| Information on basic physical and chemical properties                |   |
| Physical state:  | liquid  |
| Color:   | Colorless   |
| Odor:  | No data available   |
| Melting point/freezing point:  | No data available   |
| Boiling point or initial boiling point and boiling range:            | No data available   |
| Flammability:  | No data available   |
| Lower and upper explosion limit/flammability limit:                  | No data available   |
| Flash point:   | No data available   |
| Auto-ignition temperature:   | No data available   |
| Decomposition temperature:   | No data available   |
| pH:  | pH 7-8  |
| Kinematic viscosity:   | No data available   |
| Solubility:  | Water solubility  |
| Partition coefficient n-octanol/water(log value):                    | No data available   |

|   |   |
|---|---|
| Vapour pressure:  | No data available   |
| Density and/or relative density:  | No data available   |
| Relative vapour density:  | No data available   |
| Particle characteristics:   | No data available   |
| <b>10, Stability and reactivity</b>   |   |
| Reactivity:   | No data available   |
| Chemical stability:   | Stable under normal condition.                              |
| Possibility of hazardous reactions:   | None under normal use.                                      |
| Conditions to avoid:  | No dangerous reaction known under conditions of normal use. |
| Incompatible materials:   | None under normal use.                                      |
| Hazardous decomposition products:   | None under normal use.                                      |
| Polymerization:   | Hazardous polymerization does not occur.                    |
| <b>11, Toxicological information</b>  |   |
| Acute toxicity (oral/ip):   | No data available   |
| Skin corrosion/irritation:  | No data available   |
| Serious eye damage/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   |
| Specific target organ toxicity-<br>single exposure:   | No data available   |
| Specific target organ toxicity-<br>repeated exposure:   | No data available   |
| Aspiration hazard:  | No data available   |
| <b>12, Ecological Information</b>   |   |
| Toxicity:   | No data available   |
| Persistence and degradability:  | No data available   |
| Bioaccumulative potential:  | No data available   |
| Mobility in Soil:   | No data available   |
| Hazardous to the ozone layer:   | No data available   |
| Other adverse effects:  | No data available   |
| <b>13, Disposal Considerations</b>  |   |
| Dilute with large amount of water, and dispose in a manner consistent with federal, state and local regulation. |   |

**14, Transport Information**

|                 | IATA                      | IMO                       | RID/ARD                   |
|-----------------|---------------------------|---------------------------|---------------------------|
| Shipping Name:  | No information available. | No information available. | No information available. |
| Hazard Class:   | Not Regulate              | NON                       | NON                       |
| UN number:      | Not Regulate              | NON                       | NON                       |
| Transportation: | NON HAZARD                | NON HAZARD                | NON HAZARD                |

**15, Regulatory information**

Complies

**16, Other information**

The above information is believed to be correct, however, it may not be all inclusive. This information should be use only as a guide. CELL SCIENCE & TECHNOLOGY, Inc. shall not be held liable for any damage resulting from the handling or contact with the above product.