

**Section 1: Identification of the substance/ mixture and of the company/ undertaking**

<b>1.1</b>	<b>Product identifiers</b>	
	<b>Product name:</b>	Cell Viability Assay Kit
	<b>Product number:</b>	TBS2001
<b>1.2</b>	<b>Relevant identified uses of the substance or mixture and uses advised against identified uses:</b>	Laboratory research reagents
<b>1.3</b>	<b>Details of the Supplier of the Safety Data Sheet Company:</b>	
		TribioScience 365 San Aleso Ave. Sunnyvale, CA 94085
	<b>Phone:</b>	408-498-0197
	<b>Email:</b>	order@tribioscience.com

**Section 2: Hazards identification**

<b>2.1</b>	<b>Classification of the substance or mixture</b>	
	Sodium Chloride (CAS#: 7647-14-5)	<1.0%
	Disodium Hydrogen Phosphate (CAS#: 7558-79-4)	<0.2%
	Resazurin (CAS#: 62758-13-8)	<0.1%
<b>2.2</b>	<b>Hazards not otherwise classified (HNOC) or not covered by GHS:</b>	None

**Section 3: Composition/ information on ingredients**

**Components:**  
Reagent 20 mL

**Section 4: First aid measures**

<b>4.1</b>	<b>Description of first aid measures:</b>	
	<b>General advice:</b>	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area. Immediately remove any clothing soiled by the product.
	<b>If inhaled:</b>	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
	<b>In case of skin contact:</b>	Wash off with soap and plenty of water. Consult a physician.
	<b>In case of eye contact:</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
	<b>If swallowed:</b>	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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| 4.2 | <b>Most important symptoms and effects, both acute and delayed:</b>                | Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident is recommended. |
| 4.3 | <b>Indication of any immediate medical attention and special treatment needed:</b> | Immediately remove any clothing soiled by the product. Consult a physician.  |

### Section 5: Firefighting measures

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| 5.1 | <b>Extinguishing media</b>                                    |  |
|     | <b>Suitable extinguishing media:</b>                          | Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.    |
|     | <b>Unsuitable extinguishing media:</b>                        | For this substance/mixture no limitations of extinguishing agents are given. |
| 5.2 | <b>Special hazards arising from the substance or mixture:</b> | None.  |
| 5.3 | <b>Advice for firefighters:</b>                               | Wear self-contained breathing apparatus for firefighting if necessary.       |
| 5.4 | <b>Further information:</b>                                   | No data available.   |

### Section 6. Accidental Release Measures

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| 6.1 | <b>Protective precautions, protective equipment, and emergency procedures:</b> | Use personal protective equipment. Avoid breathing vapors, mist, or gas. Ensure adequate ventilation. For personal protection see section 8. |
| 6.2 | <b>Environmental precautions:</b>  | Do not let product enter drains.   |
| 6.3 | <b>Methods and material for containment and cleaning up:</b>                   | Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.                   |
| 6.4 | <b>Reference to other sections:</b>  | For disposal see section 13.   |

### Section 7. Handling and Storage

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| 7.1 | <b>Precautions for safe handling:</b>                                | For precautions see section 2.2.   |
| 7.2 | <b>Conditions for safe storage, including any incompatibilities:</b> | Keep Reagent tightly closed away from light at 4°C.                                |
| 7.3 | <b>Specific end use(s):</b>  | Apart from the uses mentioned in section 1.2 no other specific uses are stipulated |

**Section 8. Exposure Controls/Personal Protection**

<b>8.1 Control Parameters</b> <b>Components with workplace control Parameters:</b>	Keep away from food and beverage. Wash hands before and after work. Wear protective clothing, gloves, and eyewear. Follow safe laboratory practices.
<b>8.2 Exposure controls</b> <b>Appropriate engineering controls:</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
<b>8.3 Personal protection equipment</b> <b>Eye/face protection:</b>	Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
<b>Skin protection:</b>	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
<b>Body protection:</b>	Impervious clothing, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
<b>Respiratory protection:</b>	Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
<b>Control of environmental exposure:</b>	Do not let product enter drains.

### Section 9. Physical and Chemical Properties

<b>9.1</b>	<b>Information on basic physical and chemical properties</b>	
	Appearance:	Form: liquid
	Odor:	No data available.
	Odor threshold:	No data available.
	pH:	No data available.
	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.
	Water solubility:	No data available.
	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:	No data available.
	Oxidizing properties:	No data available.
<b>9.2</b>	<b>Other safety information:</b>	No data available.

### Section 10. Stability and Reactivity

<b>10.1</b>	<b>Reactivity:</b>	No data available.
<b>10.2</b>	<b>Chemical stability:</b>	Stable under recommended storage conditions.
<b>10.3</b>	<b>Possibility of hazardous reactions:</b>	No data available.
<b>10.4</b>	<b>Conditions to avoid:</b>	No data available.
<b>10.5</b>	<b>Incompatible materials:</b>	No data available.
<b>10.6</b>	<b>Decomposition products:</b>	Nitrogen and carbon oxides.

### Section 11. Toxicological Information

<b>11.1</b>	<b>Information on Toxicological Effects</b>	
	Acute toxicity:	No data available.
	Inhalation:	Harmful if inhaled.
	Dermal:	Causes skin irritation.
	Skin corrosion/ irritation:	Causes skin irritation.
	Serious eye damage/ eye irritation:	Causes eye irritation.
	Respiratory or skin sensitization:	Causes skin irritation.
	Germ cell mutagenicity:	No data available.
	Carcinogenicity:	No data available.
	Reproductive toxicity:	No data available.

**Section 12. Ecological Information**

<b>12.1 Toxicity:</b>	No data available.
<b>12.2 Persistence and degradability:</b>	No data available.
<b>12.3 Bio accumulative potential:</b>	No data available.
<b>12.4 Mobility in soil:</b>	No data available.
<b>12.5 Results of PBT and vPvB assessment:</b>	No data available.
<b>12.6 Other adverse effects:</b>	No data available.

**Section 13. Disposal Considerations**

<b>13.1 Waste treatment methods</b>	
<b>Product:</b>	Dispose as hazardous waste. Offer surplus and non-recyclable solutions to a licensed disposal company.
<b>Contaminated packaging:</b>	Treat as hazardous waste.

**Section 14. Transport Information**

<b>14.1 DOT (US):</b>	Not dangerous goods.
<b>IMDG:</b>	Not dangerous goods.
<b>IATA:</b>	Not dangerous goods.

**Section 15. Regulatory Information**

<b>SARA 302 Components:</b>	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
<b>SARA 313 Components:</b>	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**Section 16. Other Information**

<b>Date of preparation:</b>	01/25/2021
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