

### SECTION 1: Identification

#### Product Identifier

**Product Name:** Cyto3D Live-Dead Assay Kit

**Catalog No.** BM01

**Brand Name:** Cyto3D

#### Intended Use for the Product:

**Use of the substance/mixture:** Research Use Only. Not intended for human or animal diagnostic or therapeutic use.

#### Name, Address, and Telephone of the Responsible Party

TheWell Bioscience Inc

675 US Highway 1

North Brunswick, NJ 08902

USA

Tel: +1 978-855-4955 | Email: support@thewellbio.com

#### Emergency telephone number

**Emergency number:** +1 978-855-4955

### SECTION 2: Hazards Identification

#### Classification of the substance or mixture

##### OSHA Hazards

Not hazardous

##### GHS-US Classification

Not a dangerous substance according to GHS

#### Label Elements

##### GHS – US labeling

<b>Hazard Pictograms (GHS-US)</b>	None
<b>Signal Word (GHS-US)</b>	Not hazardous
<b>Hazard Statements (GHS-US)</b>	Not hazardous
<b>Precautionary Statements (GHS-US)</b>	Not hazardous
<b>HMIS Classification Scale (0-4)</b>	Health Hazard 0
	Flammability 0
	Physical Hazards 0

<b>NFPA Rating (Scale 0-4)</b>	Health Hazard 0
	Fire 0
	Reactivity Hazard 0

**Unknown acute toxicity (GHS-US)**

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## SECTION 3: Composition/information on ingredients

### Substances

Component	Synonyms	Formula	CAS	%
Acridine Orange	N,N,N',N'-Tetramethylacridine-3,6-diamine monohydrochloride, compound with zinc dichloride	C <sub>17</sub> H <sub>19</sub> N <sub>3</sub>	10127-02-3	*
Propidium Iodide	3,8-diamino-5-[3-(diethylmethylammonio)propyl]-6-phenylphenanthridinium diiodide	C <sub>27</sub> H <sub>34</sub> I <sub>2</sub> N <sub>4</sub>	25535-16-4	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

## SECTION 4: First aid measures

### Description of first aid measures

**First Aid Measures General:** Wear protective gloves/protective clothing/eye protection/face protection. Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice.

**First Aid Measures after Inhalation:** If individual is not breathing, begin artificial respiration immediately and obtain medical attention.

**First Aid Measures after Skin Contact:** In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. If pain or irritation occurs, obtain medical attention.

**First Aid Measures after Eye Contact:** If product enters eyes, wash eyes gently under running water for 15 minutes or longer, making sure that the eyelids are held open. If pain or irritation occurs, obtain medical attention.

**First Aid Measures after Ingestion:** If ingested, wash mouth out with water. If irritation or discomfort occurs, seek medical attention.

### Indication of any medical attention and special treatment needed

If medical advice is needed, have product container or label at hand.

## SECTION 5: Firefighting Measures

### Extinguishing media

**Suitable extinguishing media:** Use extinguishing media suitable for surrounding fire.

**Unsuitable extinguishing media:**

### Special Hazards arising from the substance or mixture

**Flammability:** Not flammable or combustible

Carbon oxides, Nitrogen oxides (NOx), Hydrogen iodide, Hydrogen chloride gas.

### Advice for Firefighters

**Firefighting instructions:** Use water spray or fog for cooling exposed containers

**Protection during firefighting:** Self-contained breathing apparatus is recommended for firefighters in all chemical fire situations.

## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**General Measures:** Use good laboratory procedures, avoid eye and skin contact

**Environmental Precautions:** Contain spill to prevent migration

**Methods and material for containment and cleaning up:** Absorb spilled material with an appropriate inert, non-flammable absorbent and dispose of according to local regulations.

**Reference to other sections:** See heading 8, Exposure Controls and Personnel Protection

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## SECTION 7: Handling and Storage

### Precautions for safe handling

Use good laboratory procedures, avoid eye and skin contact.

### Conditions for safe storage, including any incompatibilities

**Storage conditions:** Protect against light. Keep containers tightly closed in a dry, cool and well-ventilated. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage temperature: 2-8 °C

### Specific end use(s)

## SECTION 8: Exposure controls/ personal protection

### Exposure Controls

#### Respiratory Protection

No special protective equipment required.

#### Hand Protection

Use gloves when handling this product. Inspect gloves prior to use for any visible damage. Use proper glove removal technique to prevent contact with skin. Dispose of gloves in accordance with applicable laws. Wash and dry hands after use.

#### Eye Protection

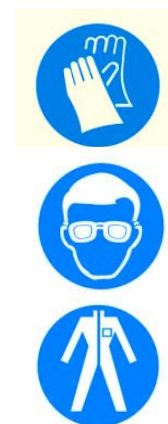
Use a face shield and/or safety goggles when handling this product. Use eye ware that has been approved by NIOSH.

#### Skin and Body Protection

Wear appropriate laboratory attire when handling this product such as gloves, long pants, closed-toe shoes, and laboratory coat.

#### Hygiene Measures

Avoid contact with eyes, skin, and clothing. Wash hands thoroughly after using this product.



## SECTION 9: Physical and Chemical Properties

### Information on basic physical and chemical properties

Physical State	Liquid
Color	No data available
Odor	No data available
Odor Threshold	No data available
pH	No data available
Relative evaporation rate	No data available
Melting Point	No data available
Freezing Point	No data available
Boiling Point	No data available
Flash Point	No data available
Auto-ignition temperature	No data available
Decomposition Temperature	No data available
Flammability (Solid, Gas)	No data available
Vapor Pressure	No data available
Relative vapor density at 20°C	No data available
Relative Density	No data available
Density	No data available
Solubility	Soluble

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Log Pow	No data available
Log Kow	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available
Explosive properties	No data available
Other Information	No data available

## SECTION 10: Stability and reactivity

**Reactivity:** Hazardous reactions will not occur under normal conditions

**Chemical Stability:** Stable under recommended storage conditions

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur

**Conditions to Avoid:** Direct sunlight, extremely high or low temperatures, incompatible materials

**Incompatible Materials:** strong oxidizers

**Hazardous Decomposition Products:** When stored as labeled, no known hazardous decomposition products are formed during the shelf-life of this product.

## SECTION 11: Toxicological Information

### Information on Toxicological Effects

Acute Toxicity:

Oral LD50	No data available
Inhalation LC50	No data available
Dermal LD50	No data available
Other Information on Acute Toxicity	No data available

**Skin Corrosion/Irritation:** No data available

**Serious Eye Damage/Irritation:** No data available

**Respiratory or Skin Sensation:** No data available

**Germ Cell Mutagenicity:** No data available

**Carcinogenicity:** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**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

**Inhalation:** May be harmful by inhalation

**Ingestion:** May be harmful if swallowed

**Skin:** May cause skin irritation in susceptible persons

**Eyes:** May cause eye irritation with susceptible persons

**Signs/Symptoms of Exposure:** No data available

## SECTION 12: Ecological Information

**Toxicity:** no data available

**Persistence and Degradability:** no data available

**Bioaccumulative Potential:** no data available

**Mobility in Soil:** no data available

**Other Adverse Effects:** No data available

**Other Information**

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## SECTION 13: Disposal Considerations

**Product:** Disposal should be in accordance with applicable regional, national and local laws and regulations. Refer to Section 7: Handling and Storage and Section 8: Exposure Control/Personal Protection for additional handling information and protection of employees.

**Contaminated Packaging:** Disposal must be made according to official regulations.

## SECTION 14: Transport Information

**DOT (US):** Not considered dangerous goods

**IMDG:** Not considered dangerous goods

**IATA:** Not considered dangerous goods

## SECTION 15: Regulatory Information

**OSHA Hazards:** n/a

**SARA 302 Components:** No chemicals in this product are required to be reported according to SARA Title III, Section 302.

**SARA 313 Components:** This product does not contain any chemicals with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Components:** Acute Health Hazard

Right to Know Components	Components	CAS-No.
Massachusetts	Water	7732-18-5
Pennsylvania	Water	7732-18-5
New Jersey	Water	7732-18-5

**California Prop. 65 Components:** This product does not contain any chemicals listed by the State of California's Proposition 65.

## SECTION 16: Other Information

This document has been prepared in accordance with the SDS requirement of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### GHS Full Text Phrases

n/a (Not Applicable)

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