

# Material Safety Data Sheet (MSDS) for PathScan<sup>®</sup> EMT Duplex IF Kit

## I. Identification:

**Product name:** PathScan<sup>®</sup> EMT Duplex IF Kit

**Product Catalog:** 7771

**CAS#:** None

**Manufacturer Supplier:** Cell Signaling Technology

3 Trask Lane

Danvers, MA 01923 USA

1-978-867-2300 TEL

1-978-867-2400 FAX

1-978-578-6737 Emergency TEL

## II. Composition/Information on Ingredients:

**This Product is For Research Use Only.**

The components of this kit are composed of antibodies in aqueous buffer solution.

Hazardous Ingredient:	Percent (%w/v)	CAS#	EC#
Glycerol	53%	56-81-5	200-289-5
Sodium azide	<0.02%	26628-22-8	247-852-1

## III. Hazard Identification:

This product is a kit containing antibodies in aqueous solution.

Emergency Overview of Hazardous ingredient substance : Glycerol (CAS# 56-81-5)

According to OSHA, 29 CFR 1910.1200(d): Irritant. Avoid contact and inhalation.

Target organ: Kidneys.

According to (EC) No1272/2008: Eye Irritation (Category 2)

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

**Caution:** This substance has not been thoroughly tested.

## IV. First Aid Measures:

**Inhalation:** Remove to fresh air. If breathing is difficult, get medical attention.

**Ingestion:** If swallowed, rinse mouth with water provided person is conscious. Get medical attention.

**Skin exposure:** : In case of contact, wash skin with soap and water.

**Eye exposure:** In case of contact with eyes, immediately flush eyes with water for at least 15 minutes. Get medical attention.

## V. Fire Fighting Measures:

**Flash Point:** Data not available.

**Autoignition Temperature:** Data not available.

**Fire extinguishing media:** water spray, dry chemical, foam, or carbon dioxide.

**Firefighting:** wear protective clothing and self-contained breathing apparatus to prevent contact with skin and eyes.

## VI. Accidental Release Measures:

Absorb liquid with an absorbent material. Transfer contaminated absorbent to a chemical waste container for disposal.

## VII. Handling And Storage:

Avoid inhalation and contact with eyes and skin. Avoid prolonged or repeated exposure.

Store at 4°C in tightly closed container.

## VIII. Exposure Controls/Personal:

**Engineering Controls:** Maintain adequate ventilation, eye wash and quick-drench facilities in work area.

**Personal Protective Equipment:** Lab coat, chemical resistant gloves and chemical safety glasses.

**Occupational Exposure Limits:** Data not available.

## IX. Physical And Chemical Properties:

<b>Physical State:</b>	liquid
<b>Appearance:</b>	colorless
<b>Odor:</b>	odorless
<b>pH:</b>	data not available
<b>Boiling Point:</b>	data not available
<b>Melting Point:</b>	data not available
<b>Volatile Organic Compounds (VOC):</b>	data not available
<b>Solubility (water):</b>	soluble

## X. Stability and Reactivity:

**Stability:** : Stable under recommended conditions.

**Conditions to avoid:** No data available

**Hazardous Decomposition:** May form carbon dioxides under fire conditions.

**Materials to avoid:** Strong oxidizing reagents.

## XI. Toxicological Information:

**Acute toxicity:** No data available.

**Skin corrosion/irritation:** No data available.

**Eye damage/eye irritation:** No data available.

**Mutagenicity:** No data available.

**Carcinogenicity:** No data available.

**IARC:** 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:** No data available.

**Potential Health Effects:**

**Inhalation:** May be harmful if inhaled.

**Ingestion:** May be harmful if swallowed.

**Skin:** May be harmful if absorbed through skin. May cause skin irritation.

**Eyes:** May cause skin irritation.

## XII. Ecological Information:

**Toxicity:** No data available.

**Persistence and degradability:** No data available.

**Bioaccumulative potential:** No data available.

**Mobility in soil:** No data available.

**PBT and vPvP assessment:** No data available.

**Other adverse effects:** No data available.

## XIII. Disposal Considerations:

Dispose of in accordance with federal, state and local environment regulations.

## XIV. Transport Information:

D.O.T.: This product is considered to be non-hazardous for transport.

IATA: This product is considered to be non-hazardous for transport.

IMDG: This product is considered to be non-hazardous for transport.

## XV. Regulatory Information:

This safety datasheet complies with the requirement of regulations 29 CFR 1910.1200(d) and (EC) No.1907/2006.

## XVI. Other Information:

This product is not intended for use in humans. To the best of our knowledge, this document is accurate. It is intended to serve as a guide for safe use of this product in a laboratory setting by experienced personnel. The burden of safe use of this material rests entirely with the user. The above information is believed to be accurate but is not necessarily all-inclusive and shall be used only as a guide. Cell Signaling Technology, Inc., shall not be held liable for any damage resulting from the handling of or from contact with the above product.