

## Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

## U.S. Department of Labor

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

**Product Name:** TUBE2 (Fluorescein)  
**Product Number:** UM502F  
**Molecular Weight:** 39.9 kDa  
**Brand:** LifeSensors

### Section I

LifeSensors, Inc.

Emergency Telephone Number: **(610) 644-8845**

271 Great Valley Parkway

Telephone Number for Information: **(610) 644-8845**

Malvern, PA 19355, USA

Date Prepared: **04/26/2022**

### Section II—Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))

OSHA PEL

ACGIH TLV

Other Limits  
Recommended

% (optional)

No known OSHA hazards

### Section III—Physical/Chemical Characteristics

Boiling Point

N/A

Specific Gravity (H<sub>2</sub>O = 1)

N/A

Vapor Pressure (mm Hg)

N/A

Melting Point

N/A

Vapor Density (AIR = 1)

N/A

Evaporation Rate (Butyl Acetate = 1)

N/A

Solubility in Water

Appearance and Odor: **Liquid**

### Section IV—Fire and Explosion Hazard Data

Flash Point (Method Used) **N/A**

Flammable Limits

LEL

UEL

Extinguishing Media **N/A**

N/A

N/A

N/A

Special Fire Fighting Procedures **N/A**

Unusual Fire and Explosion Hazards **N/A**

(Reproduce locally)

OSHA 174 Sept.

1985

## Section V—Reactivity Data

Stability	Unstable	N/A	Conditions to Avoid: <b>Repeated freeze-thaw cycles</b>
	Stable	-80°C	
Incompatibility ( <i>Materials to Avoid</i> ) <b>N/A</b>			
Hazardous Decomposition or Byproducts <b>N/A</b>			
Hazardous Polymerization	May Occur	N/A	Conditions to Avoid <b>N/A</b>
	Will Not Occur	N/A	

## Section VI—Health Hazard Data

Route(s) of Entry	Inhalation	Skin	Ingestion
Health Hazards ( <i>Acute and Chronic</i> )	Unknown	Unknown	Unknown
<i>May be harmful if inhaled or ingested. No data available.</i>			
Carcinogenicity	<i>May be harmful if inhaled or ingested. No data available.</i>		
Signs and Symptoms of Exposure	<i>No data available</i>		
Medical Conditions	<i>No data available</i>		
Generally Aggravated by Exposure			
Emergency and First Aid Procedures	If inhaled, move person into fresh air.	If contact with skin, wash with soap and water.	If contact with eyes, flush eyes with water as a precaution.
	If swallowed, rinse mouth with water.		

## Section VII—Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled
Wipe and rinse surface with water.
Waste Disposal Method
Observe all federal, state, and local environmental regulations
Precautions to Be Taken in Handling and Storing: See product manual for handling and storage guidelines.
Other Precautions N/A

## Section VII—Control Measures

Respiratory Protection ( <i>Specify Type</i> )			
Ventilation	Local Exhaust	<b>Not required</b>	Special <b>N/A</b>
	Mechanical ( <i>General</i> )	<b>Not required</b>	Other <b>N/A</b>
Protective Gloves – <b>Gloves are recommended but not required</b>		Eye Protection	<b>Safety glasses are recommended but not required</b>
Other Protective Clothing or Equipment – <b>N/A</b>			
Work/Hygienic Practices: <b>General industrial hygiene practice</b>			