

**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

<b>Product Name: Anti-M1 TUBE, FLAG</b> <b>Product Number: UM606</b> <b>Molecular Weight: 23096.11 kDa</b> <b>Brand: LifeSensors</b>	
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**Section I**

LifeSensors, Inc.	Emergency Telephone Number: <b>(610) 644-8845</b>
271 Great Valley Parkway	Telephone Number for Information: <b>(610) 644-8845</b>
Malvern, PA 19355, USA	Date Prepared: <b>07/12/2018</b>

**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: <b>Liquid</b>			

**Section IV—Fire and Explosion Hazard Data**

Flash Point (Method Used) <b>N/A</b>	Flammable Limits	LEL	UEL
Extinguishing Media <b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
Special Fire Fighting Procedures <b>N/A</b>			
Unusual Fire and Explosion Hazards <b>N/A</b>			

(Reproduce locally)

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OSHA 174 Sept.

**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> )	<b>Unknown</b>	<b>Unknown</b>	<b>Unknown</b>
<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	<b>No data available</b>		
Medical Conditions	<b>No data available</b>		
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	<b>Wipe and rinse surface with water.</b>
Waste Disposal Method	<b>Observe all federal, state, and local environmental regulations</b>
Precautions to Be Taken in Handling and Storing:	<b>See product manual for handling and storage guidelines.</b>
Other Precautions	<b>N/A</b>

**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>			