

Material Safety Data Sheet

U.S. Department of Labor

Occupational Safety and Health Administration
Form Approved
OMB No. 1218-0072

Product Name: Ubiquitin-Rhodamine Product Number: SI230 Molecular Weight: 8,564.9 Da Brand: LifeSensors Company: LifeSensors Inc. Address: 271 Great Valley Pkwy Malvern PA 19355 Telephone #: 610-644-8845 FAX: 610-644-8616 Emergency Phone #: 610-644-8845	
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Section I

Manufacturer's name LifeSensors, Inc.	Emergency Telephone Number 610.644.8845
Address (Number, Street, City, State and ZIP Code) 271 Great Valley Parkway, Malvern PA, 19355	Telephone Number for Information 610.644.8845
	Date Prepared 10.08.2025

Section II—Hazardous Ingredients/Identity Information

Hazardous Components: **No known OSHA hazards**

IARC: No components of this product present at level greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC

ACGIH: No components of this product present at level greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by ACGIH

NTP: No components of this product present at level greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by NTP

Section III—Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ 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: **All components are water-soluble**

Appearance and Odor: **Liquid**

Section IV—Fire and Explosion Hazard Data

Flash Point (Method Used): N/A	Flammable Limits: N/A	LEL: N/A	UEL: N/A
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Extinguishing Media: 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	20°C	Conditions to Avoid: Repeated freezing/thawing
	Stable	-80°C	

Incompatibility (*Materials to Avoid*): **N/A**

Hazardous Decomposition or Byproducts: **No data available**

Hazardous Polymerization Conditions to Avoid	Will Not Occur	
	No data available	

Section VI—Health Hazard Data

Health Hazards (*Acute and Chronic*): **No data available for acute toxicity**

Chronic exposure

Inhalation: **May be harmful if inhaled. May cause respiratory tract irritation**

Skin: **No data available for toxicity**

Eyes: **No data available for toxicity**

Ingestion: **May be harmful if swallowed**

Carcinogenicity: **No data available**

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

Medical Conditions

Generally Aggravated by Exposure **No data available**

Emergency and First Aid Procedures:

If inhaled: Move person into fresh air

Skin contact: Wash with soap and water

Eye contact: 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 the surface with water**

Waste Disposal Method: **Observe all federal, state, and local environmental regulations**

Precautions to Be Taken in Handling and Storing: **General laboratory storage at recommended temperature**

Other Precautions:

Section VII—Control Measures

Contains no substances with occupational exposure limit value

Respiratory Protection: **Is not required**

Protective Gloves: **Yes**

Eye Protection: **Safety glasses**

Work/Hygienic Practices: **General industrial hygiene practice**