

Material Safety Data Sheet

U.S. Department of Labor

Occupational Safety and Health Administration

Form Approved

OMB No. 1218-0072

Product name : Ubiquitin-Aldehyde
 Product number : SI250
 Molecular weight : 8.5 kDa
 Brand : LifeSensors
 Company : LifeSensors, Inc.
 271 Great Valley Parkway
 Malvern PA, 19355
 Telephone # : 610.644.8845
 FAX : 610.644.8616
 Emergency phone #: 610.644.8845

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 06.09.2011

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: Water soluble

Appearance and Odor Lyophilized powder

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	4°C	Conditions to Avoid: Repeated freezing/thawing
	Stable	-80° liquid -20° dry	
Incompatibility (<i>Materials to Avoid</i>)	Strong oxidative agents		
Hazardous Decomposition or Byproducts	Not data available		
Hazardous Polymerization			Conditions to Avoid
	Will Not Occur		Not data available

Section VI—Health Hazard Data

Health Hazards (<i>Acute and Chronic</i>)		Not data available for acute toxicity
Chronic exposure		
Inhalation:	May be harmful if inhaled. May cause respiratory tract irritation	
Skin:	May be harmful if absorbed through skin. May cause skin irritation.	
Eyes:	May cause eye irritation.	
Ingestion:	May be harmful if swallowed.	
Carcinogenicity	Not data available	
Signs and Symptoms of Exposure	Not data available	
Medical Conditions	Not data available	
Generally Aggravated by Exposure		
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:	Provide appropriate exhaust ventilation at places where dust is formed. Keep container tightly closed.
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	