

Material Safety Data Sheet

U.S. Department of Labor

Occupational Safety and Health Administration

Form Approved

OMB No. 1218-0072

Product name : K11-DiUbiquitin
Product number : SI1102
Formula : protein
Molecular weight : 17,139.7 Da
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 08-Dec-2014

Section II—Hazardous Ingredients/Identity Information

Hazardous Components	No known OSHA hazards
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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	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)

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Section V—Reactivity Data

Stability	Unstable	20°C	Conditions to Avoid: Repeated freezing/thawing
	Stable	-80°	
Incompatibility (<i>Materials to Avoid</i>)	n/a		
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>)		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		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:	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		