

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: Control Agarose Beads
Product Number: UM400
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: 5/23/2019

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 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			
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			

Section V—Reactivity Data

Stability	Unstable	N/A	Conditions to Avoid: Repeated freeze-thaw cycles
	Stable	-20°C	
Incompatibility (<i>Materials to Avoid</i>) N/A			
Hazardous Decomposition or Byproducts N/A			
Hazardous Polymerization	May Occur	N/A	Conditions to Avoid N/A
	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
May be harmful if inhaled or ingested. No data available.			
Carcinogenicity	May be harmful if inhaled or ingested. No data available.		
Signs and Symptoms of Exposure	No data available		
Medical Conditions	No data available		
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	Not required	Special N/A
	Mechanical (<i>General</i>)	Not required	Other N/A
Protective Gloves – Gloves are recommended but not required		Eye Protection Safety glasses are recommended but not required	
Other Protective Clothing or Equipment – N/A			
Work/Hygienic Practices: General industrial hygiene practice			