

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

IDENTITY (As used on label and list)

Status Mono

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufactured for LifeSign LLC

Address (Number, Street, City, State & Zip Code)

71 Veronica Avenue

Somerset, NJ 08873

Emergency Telephone Number 800-526-2125

Telephone Number for Information 732-246-3366

Date Prepared 5/98; Rev. 11/01

Signature of Preparer (optional)

Section II - Hazardous Ingredient/Identity Information

Hazardous Components (Specific Chemical Identity)	Common Name(s)	OHSA PEL	ACGIH TLV	Other Limits Recommended	% (Optional)
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Nitrocellulose membrane (<0.5 gm) test strips containing the following dried chemical materials:
Sodium azide, Sodium phosphate, dibasic and monobasic, Sodium chloride, Potassium chloride,
Potassium phosphate, monobasic, EDTA, Bovine serum albumin, and Colloidal gold.

Section III - Physical/Chemical Characteristics

Boiling Point	Not available	Specific Gravity (H ₂ O = 1)	Not available
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Vapor Pressure (mm Hg)	Not available	Melting Point	Not available
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Vapor Density (Air = 1)	Not available	Evaporation Rate (Butyl Acetate = 1)	Not available
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Solubility in Water	Test strip may release minute amounts of the chemicals listed above in Section II upon reconstitution in water. Nitrocellulose membrane is not soluble in water.		
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Appearance and Odor	Test strip in a sealed pouch. Odorless.		
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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	Water, dry chemical or carbon dioxide type extinguishers. Water is most effective fire-extinguishing medium.						
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Special Fire Fighting Procedure	None						
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Unusual Fire and Explosion Hazards	Reagents contain sodium azide as a preservative. Sodium azide may react with copper and lead plumbing to form explosive azides. Flush with copious amounts of water upon disposal.						
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(Reproduce locally)

OHSA 174, Sept. 1985

Continued - Material Name Status Mono

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid - Not applicable
	Stable	X	
Incompatibility (<i>Materials to Avoid</i>)			None
Hazardous Decomposition or Byproducts			None
Hazardous Polymerization	May Occur		Conditions to Avoid - Not applicable
	Will Not Occur	X	

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? No	Skin? Yes	Ingestion? Yes
Health Hazards (<i>Acute and Chronic</i>) Reagents can be toxic and irritant.			
Carcinogenicity: Not known	NTP?	IARC Monographs?	OSHA Regulated?
Signs and Symptoms of Exposure Not known			
Medical Conditions Generally Aggravated by Exposure Eye and skin hypersensitivity to reagents.			
Emergency and First Aid Procedures - Skin-wash affected area with soap and copious amounts of water. Eyes-flush with copious amounts of water. Ingestion-rinse mouth with water, contact physician or poison control.			

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled Reagents and Controls - Biohazard precautions would apply. Treat affected area with a germicidal agent.	
Waste Disposal Method	After use, treat as biohazardous material and dispose of in compliance with current local, state and federal regulations.
Precautions to Be Taken in Handling and Storing Store at 2° - 30°C. Do not freeze.	
Other Precautions Keep away from heat, sparks, or open flame.	

Section VIII - Control Measures

Respiratory Protection (<i>Specify Type</i>)		Not applicable	
Ventilation	Local Exhaust	Not applicable	Special Not applicable
	Mechanical (<i>General</i>)	Not applicable	Other Not applicable
Protective Gloves	Recommended	Eye Protection	Recommended
Other Protective Clothing or Equipment		Lab coat	
Work/Hygienic Practices		Follow good laboratory practices.	