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**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: Simulated Diabetic Urine Solutions 30mL**

MSDS 1392746

Part #'s: see below

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**

Manufacturer's Name

Neo/SCI Corporation

Emergency Telephone Number

1-800-526-6689

Address (Number, Street, City, State, and ZIP Code)

10 Aviation Ave

Telephone Number for Information

1-800-526-6689

P.O. Box 22729

Date Prepared

5/3/2011

Rochester, NY

14692-2729

**Section II - Hazardous Ingredients/Identity Information**

Label Description	Patient A (I)	Patient A (F)	Patient B (I)	Patient B (F)	Patient C (I)	Patient C (F)
Product Number	95-1571	95-1572	95-1575	95-1576	95-1579	95-1580
F & D Yellow	Trace	Trace	Trace	Trace	Trace	Trace
Proprietary Preservative		0.30%	0.30%			
Glucose		0.10%	3%			
Water	Balance	Balance	Balance	Balance	Balance	Balance

Note: (I) = Initial / (F) = final

Disclosure as provided for in 29 CFR 1910.1200

**Section III - Physical/Chemical Characteristics**

Boiling Point 212 °F (100° C)		Specific Gravity (H <sub>2</sub> O = 1)	
Vapor Pressure (mm Hg)	n/a	Melting Point	1
Vapor Density (AIR = 1)	n/a	Evaporation rate (Butyl Acetate = 1)	n/a

Solubility in Water

Partial to Complete

Appearance and Odor

Clear, yellow liquid

**Section IV - Fire and Explosion Hazard Data**

Flash Point (Method Used)	Flammable Limits in air % by volume	LEL	UEL
Non-flammable liquid			

Extinguishing Media

Use any media suitable for extinguishing supporting fire.

Special Firefighting Procedures

None known

Unusual Fire and Explosion Hazards

None known

**Section V - Reactivity Data**

Stability	Unstable	Conditions to Avoid Excessive temperature and heat
	Stable	
	X	

Incompatibility (Materials to Avoid)

Oxidizing and reducing agents

Hazardous Decomposition or Byproducts

Thermal decomposition or burning will produce carbon dioxide and/or carbon monoxide.

Hazardous Polymerization	May Occur	Conditions to Avoid
	Will Not Occur	N/A
	X	

jean.gibson@schoolspecialty.com

## Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	No	Yes	Yes
Health Hazards (Acute and Chronic)			
Mild skin irritant; avoid prolonged contact.			
Oral toxicity: None established			
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
No	No	No	No
Signs and Symptoms of Overexposure			
Avoid contact with skin, eyes and mucous membranes. Prolonged or repeated contact may cause irritation.			
EYES: Contact causes irritation. INGESTION: May be harmful if swallowed. Minimize contact.			
Medical Conditions			
None known.			
Emergency and First Aid Procedure			
Inhalation: Not known to be an inhalation hazard in the form provided.			
Monitor for toxic effect; seek medical attention if necessary.			
Eyes:	Flush thoroughly with water, lifting lower and upper eyelids occasionally. If irritation persists seek medical attention.		
Skin:	Flush thoroughly with soap and water.		
Ingestion:	If swallowed, if conscious, give one or two glasses of water to drink and call a physician.		

## Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled	
Wipe up using sorbent materials.	
Absorb small spills with paper toweling.	
Waste Disposal Method	
Dispose of small quantities to a sanitary sewer if Federal, State and Local laws permit.	
Precautions to be Taken in Handling and Storage	
Store in a cool, dry location away from direct sunlight.	
Other Precautions:	
For lab use only. Not for drug, food, or cosmetic use. Keep out of reach of children. Avoid prolonged skin contact.	
Keep container tightly closed when not in use. Remove and wash contaminated clothing.	

## Section VIII - Control Measures

Respiratory Protection (Specify Type)		
None needed in normal laboratory setting.		
Ventilation	Local Exhaust	Special
	None needed.	No
	Mechanical (General)	Other
	None needed.	None
Protective Gloves		
Polyethylene Gloves recommended to avoid overexposure.		
Other Protective Clothing or Equipment		
Chemical safety goggles, lab coat, apron, eye wash station in close proximity, within 15 sec. of work station,		
Work/Hygenic Practices		
Wear protective equipment. Wash hands with soap and water following the handling of this material.		

SPECIAL NOTE: This is a simulated body fluid material;

Use under direct supervision of a qualified individual knowledgeable in all aspects of laboratory safety. This product is intended for lab use only.

Not for drug, food, or cosmetic use.

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# Material Safety Data Sheet

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OSHA's Hazard Communication Standard  
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consulted for specific requirements.

## U.S. Department of Labor

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072



IDENTITY: Simulated Diabetic Blood Samples 30mL

MSDS 1392747

Part #'s: see below

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.

Manufacturer's Name

Neo/SCI Corporation

Emergency Telephone Number

1-800-526-6689

Address (Number, Street, City, State, and ZIP Code)

100 Aviation Ave.

Telephone Number for Information

1-800-526-6689

P.O. Box 22729

Date Prepared

5/3/2011

Rochester, NY

14692-2729

Signature of Preparer

Kenneth G. Rainis

### Section II - Hazardous Ingredients/Identity Information

Label Description	Patient A (I)	Patient A (F)	Patient B (I)	Patient B (F)	Patient C (I)	Patient C (F)
Product Number	95-1573	95-1574	95-1577	95-1578	95-1581	95-1582
Proprietary Preservative	0.30%	0.30%	0.30%	0.30%	0.30%	0.30%
Glucose		0.10%	3%	0.10%	0.10%	0.10%
F & D Yellow	Trace	Trace	Trace	Trace	Trace	Trace
F & D Red	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%
F & D Blue	Trace	Trace	Trace	Trace	Trace	Trace
	Balance	Balance	Balance	Balance	Balance	Balance

Note: (I) = Initial / (F) = final

Disclosure as provided for in 29 CFR 1910.1200

### Section III - Physical/Chemical Characteristics

Boiling Point	100°C (212°F) (water)	Specific Gravity (H <sub>2</sub> O = 1)	Sedible solids <0.3%
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	1.0 (water)	Evaporation rate (Butyl Acetate = 1)	N/A

Solubility in Water

Complete

Appearance and Odor

Deep red liquid; odorless

### Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limit: N/A	LEL	UEL
N/A			

Extinguishing Media

Use best for surrounding fire.

Special Firefighting Procedures

None required.

Autoignition Temperature: N/A

Unusual Fire and Explosion Hazard: N/A

### Section V - Reactivity Data

Stability	Unstable	Conditions to Avoid
	Stable	Oxidizing materials.
	X	

Incompatibility (Materials to Avoid)

Strong oxidizing and reducing materials.

Hazardous Decomposition or Byproducts

Thermal decomposition or burning will produce carbon dioxide and/or carbon monoxide.

Hazardous Polymerization	May Occur	Conditions to Avoid
	Will Not Occur	N/A
	X	



## Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	No	No	Yes

Health Hazards (Acute and Chronic)

CAUTION: May be harmful if large quantities are ingested.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
No	No	No	No

No health hazard data established by ACGIH (1996)

Signs and Symptoms of Exposure

Exposure may cause eye and skin irritation. Ingestion of large quantities of this solution may be harmful.

Medical Conditions

Generally aggravated by exposure.

The toxicological properties of this material have not been thoroughly investigated. May be harmful if swallowed.

Emergency and First Aid Procedure

**Inhalation:** Not an inhalation hazard in the form provided.

**Eyes:** Flush thoroughly with water, lifting lower and upper eyelids occasionally. Get medical attention if irritation exists.

**Skin:** Wash thoroughly with soap and water.

**Ingestion:** If swallowed, if conscious, give one or two glasses of water to drink. Contact physician; monitor for toxic effect. Induce vomiting if large (>30 mL) ingested. Never give anything by mouth to an unconscious person.

## Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Wipe up using sorbent material; dispose as an inert solid waste.

The chemical, physical, and toxicological properties of this material have not been thoroughly investigated. Specific data is not available

Exercise appropriate care to minimize potential hazards.

Dispose in accordance to State and Federal and local regulations. Small quantities of this solution may be flushed to a sanitary sewer if local regulations permit.

Store in a cool, dry place away from direct sunlight.

For lab use only. Not for drug, food, or cosmetic use. Keep out of reach of children. Avoid prolonged contact; do not

### Respiratory Protection (Specify Type)

None needed in normal laboratory setting.

Ventilation	Local Exhaust Not required	Special No
	Mechanical (General) Not required	Other

Protective Gloves

Polyethylene gloves recommended to protect against staining.

Other Protective Clothing or Equipment

Chemical safety goggles, lab coat, apron, eye wash station in close proximity, within 15 sec. of work station, fire extinguisher.

Work/Hygienic Practices

Wear protective equipment. Wash hands with soap and water following the handling of this material.

Use under direct supervision of a qualified individual knowledgeable in all aspects of laboratory safety. This product is intended for lab use. Not for drug, food, or cosmetic use.

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