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	Multiple	*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.*
Simulated Blood Samples	MSDS# 96-3087	

Manufacturer's Name
Neo/SCI Corporation
Address (Number, Street, City, State, and ZIP Code)
210 Commerce Drive, Rochester NY 14692-2792

P.O. Box 22729

Rochester, NY 14692-2729

Emergency Telephone Number
1-800-526-6689 or 716-586-3607
Telephone Number for Information
1-800-526-6689
Date Prepared
5/19/2000
Signature of Preparer Kenneth G. Rainis

Section II - Hazardous Ingredients/Identity Information

Blood Samples:	Each sample 30 mL	OSHA PEL	ACGIH TLV	Other Limits Recommended	%
Spct 2 & Crime Scene	Inorganic salt 1 + FC Dyes	N/A	N/A	N/A	<10.0
Suspect No. 3	Inorganic salt 2 + FC Dyes	N/A	N/A	N/A	<10.0
Suspect No. 1	Inorganic salts 1 & 2 + Dyes	N/A	N/A	N/A	<20.0
	Water CAS# 7733-18-5 + FC Dyes	N/A	N/A	N/A	<0.01
	Non-biological microelements	N/A	N/A	N/A	<0.3
	Water CAS# 7733-18-5	N/A	N/A	N/A	Balance

Disclosure as provided for in 29 CFR 1910.1200

Section III - Physical/Chemical Characteristics

Boiling Point	100°C (212°F) (water)	Specific Gravity (H2O = 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)
N/A

Flammable Limits N/A LEL UEL

Extinguishing Media
Use best for surrounding fire.

Special Firefighting Procedures
None required.

Autoignition Temperature: N/A

Unusual Fire and Explosion Hazards N/A

Section V - Reactivity Data

Stability			Conditions to Avoid
	Unstable		Oxidizing materials.
	Stable	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			Conditions to Avoid
	May Occur		N/A
	Will Not Occur	X	

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IDENTITY	Multiple
Simulated Blood Sera Samples	MSDS# 96-3084

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 or 716-586-3607
Address (Number, Street, City, State, and ZIP Code) 210 Commerce Drive, Rochester NY 14692-2792	Telephone Number for Information 1-800-526-6689
P.O. Box 22729	Date Prepared 3/28/2000
Rochester, NY 14692-2729	Signature of Preparer Kenneth G. Rainis

Section II - Hazardous Ingredients/Identity Information

Blood Samples:	Each sample 30 mL	OSHA PEL	ACGIH TLV	Other Limits Recommended	%
Anti-A Serum	Inorganic salt 1 + Blue FC Dye	N/A	N/A	N/A	<10.0
Anti-B Serum	Inorganic salt 2 + Yellow FC Dye	N/A	N/A	N/A	<10.0
Anti-Rh Serum	Inorganic salts 1 + Green FC Dye	N/A	N/A	N/A	<10.0
	Water CAS# 7733-18-5	N/A	N/A	N/A	Balance

Disclosure as provided for in 29 CFR 1910.1200

Section III - Physical/Chemical Characteristics

Boiling Point	100°C (212°F) (water)	Specific Gravity (H2O = 1)	N/A
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 Limits	LEL	UEL
N/A	N/A		

Extinguishing Media
Use best for surrounding fire.

Special Firefighting Procedures
None required.

Autoignition Temperature: N/A

Unusual Fire and Explosion Hazards N/A

Section V - Reactivity Data

Stability			
	Unstable		Conditions to Avoid Oxidizing materials.
	Stable	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			
olymerization	May Occur		Conditions to Avoid N/A
	Will Not Occur	X	

Material Safety Data Sheet

MSDS 2351

IDENTITY *(As Used on Label and List)*
Simulated Drip and Projected Blood

Section I

Manufacturer's Name WARD'S NATURAL SCIENCE	**Emergency Telephone Number** 24HR Assistance CHEMTREC: 1-800-424-9300
Address *(Number, Street, City, State, and ZIP Code)* 5100 West Henrietta Road Rochester, NY 14692	**Telephone Number for Information** 1-585-359-2502 (8am – 4:30pm EST)
	Date Prepared 7/02/04
	Signature of Preparer (Optional)

Section II – Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS #	OSHA PEL	ACGIH TLV	Other Limits Recommended	% Optional
Benzoic Acid	65-85-0	Not Established	Not Established	LD50 2350mg/kg	0.125%
FD&C RED #40 food color	3844-45-9	Not Established	Not Established	None Recommended	<.1%
Corn Syrup	9005-25-0	Not Established	Not Established	None Recommended	20%
FD&C Blue Food color #1	25956-17-6	Not Established	Not Established	None Recommended	<.1%
Water	7732-18-5	Not Established	Not Established	None Recommended	79.9%

Section III – Physical/Chemical Characteristics

Boiling Point	212°F	**Specific Gravity (H_2O = 1)**	
Vapor Pressure (mm Hg.)	NA	**Melting Point**	NA
Vapor Density (AIR = 1)	>4	**Evaporation Rate** **Butyl Acetate = 1**	<1

Solubility in Water
Complete

Appearance and Odor
Red liquid.

Section IV – Fire and Explosion Hazard Data

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

Extinguishing Media
Use water spray, dry chemical, CO2 or alcohol foam.

Special Fire Fighting Procedures
Use best for surrounding fire

Unusual Fire and Explosive Hazards
None specified.

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IDENTITY	Multiple	*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.*
Simulated Blood Sera Samples	MSDS# 96-3084	

Manufacturer's Name **Neo/SCI Corporation**	Emergency Telephone Number 1-800-526-6689 or 716-586-3607
Address (Number, Street, City, State, and ZIP Code) 210 Commerce Drive, Rochester NY 14692-2792	Telephone Number for Information 1-800-526-6689
P.O. Box 22729	Date Prepared 3/28/2000
Rochester, NY 14692-2729	Signature of Preparer Kenneth G. Rainis

Section II - Hazardous Ingredients/Identity Information

Blood Samples:	Each sample 30 mL	OSHA PEL	ACGIH TLV	Other Limits Recommended	%
Anti-A Serum	Inorganic salt 1 + Blue FC Dye	N/A	N/A	N/A	<10.0
Anti-B Serum	Inorganic salt 2 + Yellow FC Dye	N/A	N/A	N/A	<10.0
Anti-Rh Serum	Inorganic salts 1 + Green FC Dye	N/A	N/A	N/A	<10.0
	Water CAS# 7733-18-5	N/A	N/A	N/A	Balance

Disclosure as provided for in 29 CFR 1910.1200

Section III - Physical/Chemical Characteristics

Boiling Point	100°C (212°F) (water)	Specific Gravity (H2O = 1)	N/A
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 Limits i 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 Hazards N/A

Section V - Reactivity Data

Stability			
	Unstable		Conditions to Avoid Oxidizing materials.
	Stable	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 N/A
	Will Not Occur	X	