

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 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 <i>[Signature]</i> 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)	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	Unstable	X	Conditions to Avoid Oxidizing materials.
	Stable		
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	X	Conditions to Avoid N/A
	Will Not Occur		

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 ingest.

Respiratory Protection (Specify Type)

None needed in normal laboratory setting.

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

Protective Gloves

Rubber (butyl/nitrile) 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 only. Not for drug, food, or cosmetic use.

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