Material Safety Data Sheet

MSDS: 206039 **Effective Date:** October 14, 2005

SECTION I - PRODUCT IDENTIFICATION AND COMPANY

Product Name: CDS Hematology Calibrator
Synonyms: Whole blood reference calibrator
NIOSH/RTECS Number: None
CAS No.: None
Product Number(s): 502-040

Manufacturer: Clinical Diagnostic Solutions, Inc.
1800 Northwest 65th Avenue
Plantation, FL 33313 USA
EMERGENCY PHONE: (954) 791-1773

SECTION II - INGREDIENTS

Component	Concentration	CAS Number
Stabilized human erythrocytes	10 – 55%	None

SECTION III – HAZARDS IDENTIFICATION

CDS Safety Information:

		Code
[1]	Health	0 = None
[0]	Flammability	1 = Slight
[0]	Reactivity	2 = Caution
[1]	Contact	3 = Severe

Physical Hazards: None known.
Potential Health Effects: See Section XI. for detailed health effects.
Product Hazard Classification: OSHA – Not applicable
EU – Not applicable
WHMIS – Exempt

SECTION IV – FIRST AID MEASURES

Eye Contact: Flush eyes thoroughly with water for at least 15 minutes. If irritation occurs, seek medical attention.
Ingestion: If ingested, wash mouth with water. Contact poison control center or seek medical attention if swallowed.
Inhalation: Move exposed individual to fresh air. If individual is not breathing, begin artificial respiration immediately. Seek medical attention.
Skin Contact: Wash affected area with soap and water for at least 15 minutes. Disinfect if possible.

SECTION V - FIRE AND EXPLOSION HAZARD DATA

Flashpoint: Not applicable.
Flammable Limits: Not applicable.
Autoignition Temperature: Not applicable.

SECTION V - FIRE AND EXPLOSION HAZARD DATA (Continued)

Fire Extinguishing Media:	Any. Does not support combustion.
Special Fire and Explosion Hazards:	None.
Hazardous Combustion Products:	None.
Firefighter Protective Equipment:	Self-contained breathing apparatus.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Personal Precautions:	No special precautions required. Use universal precautions during cleanup.
Spills and Leaks:	Treat with bleach diluted 1:10, then use absorbent material and dispose as non-hazardous solid waste. Dispose liquid material through a sanitary sewer. Disposal must comply with Federal, State and Local requirements.
Environmental Precautions:	Contain spill to prevent contamination of surrounding areas.

SECTION VII - HANDLING AND STORAGE PRECAUTIONS

Handling Precautions:	Follow universal precautions when using this product**.** Handle as if capable of transmitting infectious disease.
Storage Conditions:	Store according to package instructions.

SECTION VIII – EXPOSURE CONTROL AND PERSONAL PROTECTION

Exposure Limits:	OSHA – None established. ACGIH – None established. DFG MAK – None established.
Engineering Controls:	Use in well ventilated areas.
Respiratory Protection:	Under normal use conditions, none required.
Eye Protection:	Safety glasses, goggles or face shield recommended.
Skin Protection:	Latex or equivalent gloves recommended.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	N/A	**Vapor Pressure (mm Hg):**	N/A
Melting Point:	N/A	**Vapor Density (Air = 1):**	N/A
Specific Gravity:	1.05 (Water = 1)	**Evaporation Rate**	
Solubility (water):	Miscible	**(butyl acetate = 1):**	N/A
Appearance and Color:	Red, opaque suspension	**pH:**	6.3 – 6.8

SECTION X - REACTIVITY DATA

Stability:	Stable at normal temperatures and pressures.
Conditions to Avoid:	Avoid freezing. Keep away from incompatible materials.
Hazardous Incompatibility:	Strong acids, oxidizers, metals and metallic compounds.
Decomposition Products:	No known hazardous decomposition products.

SECTION XI – TOXICOLOGICAL INFORMATION

Toxicity of Hazardous Ingredients:	Not available.
Primary Routes of Exposure:	Contact with eyes, mucous membranes, skin and inhalation.
Effects of Acute Exposure:	This product contains materials of human and non-human origin and may be capable of transmitting infectious diseases. Full toxicological properties have not been determined for this product.

SECTION XI – TOXICOLOGICAL INFORMATION (Continued)

Effects of Chronic Exposure:	Similar to effects of acute exposure.
Symptoms of Overexposure:	None identified.
Carcinogenicity:	Contains no ingredients listed as potential carcinogens by ACGIH, IARC, NTP or OSHA.
Other Effects:	None known.
Conditions Aggravated by Exposure:	None known.

SECTION XII – ECOLOGICAL INFORMATION

Ecotoxicity:	No information available.
Biodegradability:	No information available.
Mobility:	No information available.

SECTION XIII – WASTE DISPOSAL

Waste Disposal:	Waste disposal must comply with Federal, State and Local requirements. Contact local authorities for information.

SECTION XIV – TRANSPORT INFORMATION

Transport Regulations:	Transportation of this product not regulated according to the definition of hazardous in 49CFR (US DOT). Transportation of this product is also not regulated by IATA, ICAO, Canadian TDG or European ADR.

SECTION XV – REGULATORY INFORMATION

US Regulatory Information:	
SARA 313:	None listed.
CIRCLA RG's:	Sodium phosphate, dibasic is listed.
California Proposition 65:	No compounds listed.
Massachusetts MSL:	Sodium phosphate, dibasic is listed.
New Jersey Dept. of Health RTK:	Sodium phosphate, dibasic is listed.
Pennsylvania RTK:	Sodium phosphate, dibasic is listed.
Florida Substance List:	None listed.
Canada:	Product is exempt from WHMIS and MSDS requirements.
Ingredients on Disclosure List:	Citric acid, glutaraldehyde, iodoacetamide.
Ingredients with Unknown Toxicological Properties:	Exempt product.
EU:	Not classified.

SECTION XVI – OTHER INFORMATION

For further information, please contact Clinical Diagnostic Solutions, Inc.

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