



Material Safety Data Sheet

MSDS: 206133

Effective Date: January 11, 2002

SECTION I - PRODUCT IDENTIFICATION AND COMPANY

Product Name: Sysmex K-Series Hematology Diluent
Synonyms: Diluent
NIOSH/RTECS Number: None
CAS No.: None

Product Number(s): 501-133

Manufacturer: Clinical Diagnostic Solutions, Inc.
1800 Northwest 65th Avenue
Plantation, FL 33313 USA

EMERGENCY PHONE: (954) 791-1773

SECTION II - INGREDIENTS

<u>Component</u>	<u>Concentration</u>	<u>CAS Number</u>
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Contains no hazardous ingredients

SECTION III – HAZARDS IDENTIFICATION

CDS Safety Information:

[1] Health
[0] Flammability
[0] Reactivity
[0] Contact

Code

0 = None
1 = Slight
2 = Caution
3 = Severe

Physical Hazards: None

Potential Health Effects: This product is not considered hazardous under OSHA, EU or WHMIS criteria.

Product Hazard Classification: OSHA – Not applicable
EU – Not applicable
WHMIS – Exempt

SECTION IV – FIRST AID MEASURES

Eye Contact: Flush eyes thoroughly with water. If irritation occurs, seek medical attention.

Ingestion: Wash contact surfaces with water. Seek medical attention if swallowed.

Inhalation: Move exposed individual to fresh air. If individual is not breathing, begin artificial respiration immediately. Seek medical attention immediately.

Skin Contact: Wash affected area with water for at least 15 minutes.

SECTION V - FIRE AND EXPLOSION HAZARD DATA

Flashpoint:	Not applicable
Flammable Limits:	Not applicable
Autoignition Temperature:	Not applicable
Fire Extinguishing Media:	Any. Non-flammable, 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 good laboratory practice.
Spills and Leaks:	Dispose through a sanitary sewer, or use absorbent material and dispose as non-hazardous solid waste. 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:	No special precautions required. Use good laboratory practice.
Storage Conditions:	Store at 2 to 30°C (30 to 86°F).

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, no respiratory protection is 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:	~ 100°C	Vapor Pressure (mm Hg):	N/A
Melting Point:	N/A	Vapor Density (Air = 1):	N/A
Specific Gravity:	1.0 (Water = 1)	Evaporation Rate	
Solubility (water):	Miscible	(butyl acetate = 1):	N/A
Appearance and Color:	Clear, colorless liquid		

SECTION X - REACTIVITY DATA

Stability:	Stable at normal temperatures and pressures.
Conditions to Avoid:	Keep away from aqueous-sensitive materials. Avoid freezing.
Hazardous Incompatibility:	None
Decomposition Products:	None

SECTION XI – TOXICOLOGICAL INFORMATION

Toxicity of Hazardous Ingredients:	None
Primary Routes of Exposure:	Contact with eyes, mucous membranes, skin punctures, ingestion and inhalation.
Effects of Acute Exposure:	None identified.
Effects of Chronic Exposure:	None identified.
Symptoms of Overexposure:	No specific symptoms 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.
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SECTION XIV – TRANSPORT INFORMATION

Transport Regulations:	Transportation of this product not regulated under US DOT, IATA, ICAO, Canadian TDG or European ADR.
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SECTION XV – REGULATORY INFORMATION

US Regulatory Information:

SARA 313: Formaldehyde generated over time is subject to reporting requirements specified by Section 313, Title III of SARA.

California Proposition 65: Formaldehyde has been identified by the State of California to cause cancer. Regulation requires a warning to individuals who may be exposed to chemicals identified by the State to cause cancer or reproductive harm. **WARNING:** This product contains a chemical known to the State of California to cause cancer.

Massachusetts MSL: Formaldehyde is listed. Sodium sulfate is listed.

New Jersey Dept. of Health RTK: Formaldehyde is listed.

Pennsylvania RTK: Formaldehyde is listed. Sodium sulfate is listed.

Florida Substance List: Formaldehyde is listed.

Canada: Product is exempt from WHMIS and MSDS requirements.

Ingredients on Disclosure List: Formaldehyde

Ingredients with Unknown

Toxicological Properties: None

SECTION XVI – OTHER INFORMATION

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

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