



## Material Safety Data Sheet

MSDS: 206138

Effective Date: November 15, 2007

### SECTION I - PRODUCT IDENTIFICATION AND COMPANY

**Product Name:** M-Series Diluent  
**Synonyms:** Diluent  
**NIOSH/RTECS Number:** None  
**CAS No.:** None  
**Product Number(s):** 501-211 (20L), 1504122  
**Manufacturer:** Clinical Diagnostic Solutions, Inc.  
1800 Northwest 65<sup>th</sup> Avenue  
Plantation, FL 33313 USA  
**EMERGENCY PHONE:** (954) 791-1773

### SECTION II - INGREDIENTS

<u>Component</u>	<u>Concentration</u>	<u>CAS Number</u>
Contains no ingredients considered under OSHA, EU or WHMIS criteria.		

### SECTION III - HAZARDS IDENTIFICATION

**CDS Safety Information:**

	<u>Code</u>
[1] Health	0 = None
[0] Flammability	1 = Slight
[0] Reactivity	2 = Caution
[0] Contact	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 or redness develops, 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. If inflammation occurs, seek medical attention.

### 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.

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SECTION VI – ACCIDENTAL RELEASE MEASURES

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<b>Personal Precautions:</b>	No special precautions required. Use good laboratory practice.
<b>Spills and Leaks:</b>	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.
<b>Environmental Precautions:</b>	Contain spill to prevent contamination of surrounding areas.

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SECTION VII - HANDLING AND STORAGE PRECAUTIONS

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<b>Handling Precautions:</b>	No special precautions required. Use good laboratory practice.
<b>Storage Conditions:</b>	Store at 2 to 30°C (30 to 86°F).

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SECTION VIII – EXPOSURE CONTROL AND PERSONAL PROTECTION

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<b>Exposure Limits:</b>	OSHA – None established ACGIH – None established DFG MAK – None established
<b>Engineering Controls:</b>	Use in well ventilated areas.
<b>Respiratory Protection:</b>	Under normal use conditions, no respiratory protection is required.
<b>Eye Protection:</b>	Safety glasses, goggles or face shield recommended.
<b>Skin Protection:</b>	Latex or equivalent gloves recommended.

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SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

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<b>Boiling Point:</b>	~ 100°C	<b>Vapor Pressure (mm Hg):</b>	N/A
<b>Melting Point:</b>	N/A	<b>Vapor Density (Air = 1):</b>	N/A
<b>Specific Gravity:</b>	1.0 (Water = 1)	<b>Evaporation Rate</b>	
<b>Solubility (water):</b>	Miscible	<b>(butyl acetate = 1):</b>	N/A
<b>Appearance and Color:</b>	Clear, colorless liquid	<b>pH:</b>	6.95 – 7.15

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SECTION X - REACTIVITY DATA

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<b>Stability:</b>	Stable at normal temperatures and pressures.
<b>Conditions to Avoid:</b>	Keep away from aqueous-sensitive materials. Avoid freezing.
<b>Hazardous Incompatibility:</b>	Strong acids, strong bases, strong oxidizers.
<b>Decomposition Products:</b>	None known.

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SECTION XI – TOXICOLOGICAL INFORMATION

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<b>Toxicity of Hazardous Ingredients:</b>	Not applicable.
<b>Primary Routes of Exposure:</b>	Contact with eyes, mucous membranes, skin punctures, and ingestion.
<b>Effects of Acute Exposure:</b>	None identified.
<b>Effects of Chronic Exposure:</b>	None identified.
<b>Symptoms of Overexposure:</b>	No specific symptoms identified.
<b>Carcinogenicity:</b>	Contains no ingredients listed as potential carcinogens by ACGIH, IARC, NTP, OSHA, or 67/548/EEC Annex I.
<b>Other Effects:</b>	None known.
<b>Conditions Aggravated by Exposure:</b>	None known.

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SECTION XII – ECOLOGICAL INFORMATION

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<b>Ecotoxicity:</b>	No information available.
<b>Biodegradability:</b>	No information available.
<b>Mobility:</b>	No information available.

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SECTION XIII – WASTE DISPOSAL

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<b>Waste Disposal:</b>	Waste disposal must comply with Federal, State and Local requirements. Contact local authorities for information.
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SECTION XIV – TRANSPORT INFORMATION

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**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.

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**SECTION XV – REGULATORY INFORMATION**

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**US Regulatory Information:**

SARA 313: Formaldehyde formed in wastewater is subject to reporting requirements specified by Section 313, Title III of SARA.

CERCLA RG's, 40 CFR 302.4: Formaldehyde is listed.

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.

**EU:**

Product is not classified

**Ingredients on Disclosure List:**

Formaldehyde

**Ingredients with Unknown****Toxicological Properties:**

None

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**SECTION XVI – OTHER INFORMATION**

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

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