



Material Safety Data Sheet

MSDS: 206012

Effective Date: January 16, 2002

SECTION I - PRODUCT IDENTIFICATION AND COMPANY

Product Name: Enzymatic Cleaner
Synonyms: Enzyme-based cleaner/Shutdown Solution
NIOSH/RTECS Number: None
CAS No.: None

Product Number(s): 501-002, 501-029, 501-030, 501-032, 501-110, 501-117, 501-132

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 – Not applicable

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:	No special controls required.
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:	N/A	Vapor Pressure (mm Hg):	N/A
Melting Point:	N/A	Vapor Density (Air = 1):	N/A
Specific Gravity:	1.03 (Water = 1)	Evaporation Rate	
Solubility (water):	Miscible	(butyl acetate = 1):	N/A
Appearance and Color:	Clear, blue-green liquid	pH:	7.3 – 7.7

SECTION X - REACTIVITY DATA

Stability:	Stable at normal temperatures and pressures.
Conditions to Avoid:	Avoid freezing.
Hazardous Incompatibility:	None
Decomposition Products:	None

SECTION XI – TOXICOLOGICAL INFORMATION

Toxicity of Hazardous Ingredients:	Not applicable
Primary Routes of Exposure:	Contact with eyes, mucous membranes, and skin
Effects of Acute Exposure:	None identified.
Effects of Chronic Exposure:	None identified.
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.
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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.
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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.
New Jersey Dept. of Health RTK:	Formaldehyde is listed.
Pennsylvania RTK:	Formaldehyde is listed.
Florida Substance List:	Formaldehyde is listed.
EU:	No dangerous ingredients.
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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