MERDAN

Meridian
Diagnostics, Inc.

3471 River Hills Drive, Cincinnati, Ohio 45244

Telephone: (513) 271 3700
Fax: (513) 271-3762

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February 10, 2000

Our Immuno*Card*® Mycoplasma kit consists of biological reagents for the detection of IgM antibodies to *Mycoplasma pneumoniae* in human serum. Material Safety Data Sheets (MSDS) for the Enzyme Conjugate, Substrate Reagent and Wash Buffer are enclosed.

To the best of our determination, the remaining reagents pose no physical or health hazards. Accordingly, we have no MSDS pertaining to those reagents. Please accept this letter as certification that these reagents pose no physical or health hazards.

If there is any further way in which we can be of assistance, please do not hesitate to ask.

Sincerely,

Colleen Murphy-Eigel

Colleen Murphy-Eigel
Regulatory Affairs
Meridian Diagnostics, Inc.

I-269354 C-709030

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MATERIAL SAFETY DATA SHEET

MERIDIAN DIAGNOSTICS, INC.
3471 River Hills Drive
Cincinnati, OH 45244
(513) 271-3700
Safety Officer

Date of Preparation: 9/15/94
Revision Date: 2/10/00

IDENTIFICATION

NAME: ImmunoCard® *C. difficile* - Enzyme Conjugate
ImmunoCard® Mycoplasma - Enzyme Conjugate
ImmunoCard® *H. pylori* - Enzyme Conjugate

CATALOG #: 706050
709030
710030

FORMULA: N/A

CAS #: NA

EPA HAZARDOUS WASTE ID #: N/A

EPA HAZARD WASTE CLASS: N/A

HAZARDOUS COMPONENTS

COMPONENTS	%	CAS #	ACGIH TLV	HAZARD(S)
Trizma Hydrochloride	1.2	1185-53-1	ND	Irritant

Mixture not tested as a whole. The mixture is assumed to present the same health hazards as do the components present at ≥ 1.0% (0.1% for carcinogens).

PHYSICAL AND CHEMICAL DATA

APPEARANCE: Clear liquid
pH: ND
ODOR: None
VAPOR PRESSURE: ND
VOLATILE COMPONENTS: ND
EVAPORATION RATE: ND
SOLUBILITY IN WATER: ND

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: ND
EXTINGUISHING MEDIA: Media appropriate for surrounding fire conditions.
FIRE FIGHTING PROCEDURES: Wear self contained breathing apparatus and protective clothing.
FIRE HAZARDS: May produce hazardous decomposition products.

REACTIVITY DATA

STABILITY: Stable
HAZARDOUS POLYMERIZATION: None
INCOMPATIBILITY: Bases and Oxidizing Agents

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Date of Preparation:9/15/94
Revision Date:2/10/00

HEALTH HAZARD

EXPOSURE LIMITS: ND
EXPOSURE EFFECTS:
EYE: Irritant, lacrimation, burning
SKIN: Irritant, redness
INHALATION: Irritant
INGESTION: Nausea, vomiting

FIRST AID DATA

FIRST AID: Contact a physician immediately.
EYE: Flush with water for 15 minutes.
SKIN: Flush with water for 15 minutes.
INHALATION: Remove to fresh air immediately. If breathing stops, give artificial respiration. Keep person warm and at rest. Treat symptomatically and supportively. Contact a physician immediately.
INGESTION: Contact a physician immediately to obtain the appropriate emergency treatment.

HANDLING AND STORAGE

Wear chemical safety goggles, chemical resistant gloves and protective clothing. Use OSHA approved respirator if TLV exceeded. General mechanical ventilation is usually adequate under normal use. Do not exceed TLV. Containers potentially hazardous when empty. Do not reuse.

SPILL AND DISPOSAL PROCEDURES

SPILL: Absorb on paper, vermiculite, etc.
WASTE DISPOSAL: Consult federal, state, and local regulations.

NA = Not Applicable
ND = Not Determined

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Meridian Diagnostics, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.

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MATERIAL SAFETY DATA SHEET

MERIDIAN DIAGNOSTICS, INC.
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Cincinnati, OH 45244
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Safety Officer

Date of Preparation:2/22/94
Revision Date:2/10/00

IDENTIFICATION

NAME:		CATALOG #:
	ImmunoCard® *C. difficile* - Substrate Reagent	706050
	ImmunoCard® Rotavirus - Substrate Reagent	708030
	ImmunoCard® Mycoplasma - Substrate Reagent	709030
	ImmunoCard® *H. pylori* - Substrate Reagent	710030

FORMULA: N/A CAS #: NA

EPA HAZARDOUS WASTE ID #: N/A

EPA HAZARD WASTE CLASS: N/A

HAZARDOUS COMPONENTS

COMPONENTS	%	CAS #	ACGIH TLV	HAZARD(S)
The specific identities and concentrations of the hazardous components are trade secrets and are therefore being withheld. The identities will be made available to health professionals if a medical emergency exists.				Irritant

Mixture not tested as a whole. The mixture is assumed to present the same health hazards as do the components present at ≥ 1.0% (0.1% for carcinogens).

PHYSICAL AND CHEMICAL DATA

APPEARANCE: Clear liquid pH: 9.8 ± 0.1 ODOR: Mild

VAPOR PRESSURE: ND VOLATILE COMPONENTS: ND

EVAPORATION RATE: ND SOLUBILITY IN WATER: ND

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: ND

EXTINGUISHING MEDIA: Media appropriate for surrounding fire conditions.

FIRE FIGHTING PROCEDURES: Wear self contained breathing apparatus and protective clothing.

FIRE HAZARDS: May produce hazardous decomposition products.

REACTIVITY DATA

STABILITY: Stable HAZARDOUS POLYMERIZATION: None

INCOMPATIBILITY: Oxidizing agents, strong azide

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MATERIAL SAFETY DATA SHEET

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Cincinnati, OH 45244
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Safety Officer

Date of Preparation:2/22/94
Revision Date:2/10/00

HEALTH HAZARD

EXPOSURE LIMITS: ND
EXPOSURE EFFECTS:
EYE: Irritant, lacrimation, burning, stinging
SKIN: Irritant, redness, burning
INHALATION: Irritant, coughing, wheezing, laryngitis, shortness of breath
INGESTION: Nausea, vomiting

FIRST AID DATA

FIRST AID: Contact a physician immediately.
EYE: Flush with water for 15 minutes.
SKIN: Flush with water for 15 minutes.
INHALATION: Remove to fresh air immediately. If breathing stops, give artificial respiration. Keep person warm and at rest. Treat symptomatically and supportively. Contact a physician immediately.
INGESTION: Contact a physician immediately to obtain the appropriate emergency treatment.

HANDLING AND STORAGE

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Date of Preparation: 9/15/94
Revision Date: 2/10/00

IDENTIFICATION

NAME: ImmunoCard® Mycoplasma - Wash Buffer
ImmunoCard® *H. pylori* - Wash Buffer

CATALOG #: 709030
710030

FORMULA: N/A

CAS #: NA

EPA HAZARDOUS WASTE ID #: N/A

EPA HAZARD WASTE CLASS: N/A

HAZARDOUS COMPONENTS

COMPONENTS	%	CAS #	ACGIH TLV	HAZARD(S)
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PHYSICAL AND CHEMICAL DATA

APPEARANCE: Clear liquid

pH: 7.2 ± 0.2

ODOR: Mild

VAPOR PRESSURE: ND

VOLATILE COMPONENTS: ND

EVAPORATION RATE: ND

SOLUBILITY IN WATER: ND

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: ND

EXTINGUISHING MEDIA: Media appropriate for surrounding fire conditions.

FIRE FIGHTING PROCEDURES: Wear self contained breathing apparatus and protective clothing.

FIRE HAZARDS: May produce hazardous decomposition products.

REACTIVITY DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: None

INCOMPATIBILITY: Strong oxidizing agents

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