Pg. D1

HC# 10

MATERIAL SAFETY DATA SHEET

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

ADDITIONAL INFORMATION
SAFETY OFFICER
(513) 271-3700

Date of Preparation 9/9/91

- IDENTIFICATION -

NAME: Merifluor-Cryptosporidium/Giardia Counterstain
FORMULA: NA CAS #: NA
EPA HAZARDOUS WASTE ID #: NA
EPA HAZARD WASTE CLASS: NA

- HAZARDOUS COMPONENTS -

COMPONENTS	%	CAS #	ACGIH TLV	HAZARD(S)
Ethyl Alcohol	35	64-17-5	1000 ppm TWA	Irritant Toxic
N,N Dimethyl formamide	4.7	68-12-2	10 ppm TWA	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: Black Liquid pH: ND ODOR: Alcohol
VAPOR PRESSURE: ND VOLATILE COMPONENTS: ND
EVAPORATION RATE: ND SOLUBILITY IN WATER: Unlimited

- 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, peroxides, acids, alkali metals, reducing agents, halogenate compounds.

- HEALTH HAZARD AND FIRST AID DATA -

EXPOSURE LIMITS: ND
EXPOSURE EFFECTS:
Eye: Irritant, eye damage
Skin: Irritant
Inhalation: Dizziness, headache
Ingestion: Nausea, dizziness, headache, vomiting, stomach pains, diarrhea, liver, kidney, and heart damage on prolonged exposure.

I- 233309 C-250950 ORM-D

HC#10
Pg. 2

FIRST AID: OBTAIN MEDICAL ATTENTION
Eye: Flush with water for 15 minutes.
Skin: Flush with water for 15 minutes.
Inhalation: Remove to fresh air. If breathing has stopped, give artificial respiration.
Ingestion: Administer 4 glasses of water and induce vomiting by touching back of throat with finger.

- 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

HGF ID
Pg. 3

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ADDITIONAL INFORMATION
SAFETY OFFICER
(513) 271-3700
Date of Preparation 9/9/91

- IDENTIFICATION -

NAME: Merifluor-Cryptosporidium/Giardia Positive Control
FORMULA: NA CAS #: NA
EPA HAZARDOUS WASTE ID #: NA
EPA HAZARD WASTE CLASS: NA

- HAZARDOUS COMPONENTS -

COMPONENTS	%	CAS #	ACGIH TLV	HAZARD(S)
Formaldehyde	3.7	0050-00-0	2 ppm TWA 1 ppm PEL	Combustible Corrosive Toxic Sensitizer Carcinogen 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: Brown Liquid pH: ND ODOR: Pungent
VAPOR PRESSURE: ND VOLATILE COMPONENTS: ND
EVAPORATION RATE: ND SOLUBILITY IN WATER: Unlimited

- 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 acids or bases

- HEALTH HAZARD AND FIRST AID DATA -

EXPOSURE LIMITS: ND
EXPOSURE EFFECTS:
Eye: Irritant, tearing, eye damage, burning
Skin: Irritant
Inhalation: Coughing, wheezing, laryngitis, shortness of breath, headache, unconsciousness
Ingestion: Nausea, vomiting

HG#10
Pg. 4

FIRST AID: OBTAIN MEDICAL ATTENTION
Eye: Flush with water for 15 minutes.
Skin: Flush with water for 15 minutes.
Inhalation: Remove to fresh air. ,If breathing has stopped, give artificial respiration.
Ingestion: Administer 4 glasses of water and induce vomiting by touching back of throat with finger.

- 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

HG#10
Pg.5

MATERIAL SAFETY DATA SHEET

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ADDITIONAL INFORMATION
SAFETY OFFICER
(513) 271-3700
Date of Preparation 9/9/91

- IDENTIFICATION -

NAME: Merifluor-Cryptosporidium/Giardia Mounting Media
FORMULA: Mixture CAS #: NA
EPA HAZARDOUS WASTE ID #: NA
EPA HAZARD WASTE CLASS: NA

- HAZARDOUS COMPONENTS -

COMPONENTS	%	CAS #	ACGIH TLV	HAZARD(S)
Formaldehyde	3.7	0050-00-0	2 ppm TWA 1 ppm PEL	Combustible Corrosive Toxic Sensitizer Carcinogen Irritant
Glycerol	50	56-81-5	10mg/m^3	Irritant
1,4-Diazabicyclo-(2,2,2)octane	2.5	280-57-9	ND	Corrosive

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 Solution pH: 8.5-9.0 ODOR: Mild
VAPOR PRESSURE: ND VOLATILE COMPONENTS: ND
EVAPORATION RATE: ND SOLUBILITY IN WATER: Unlimited

- 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: No
INCOMPATIBILITY: Strong oxidizing agents and strong bases.

- HEALTH HAZARD AND FIRST AID DATA -

EXPOSURE LIMITS: ND
EXPOSURE EFFECTS:
Eye: Irritation, tearing, eye damage, burning
Skin: Irritation
Inhalation: Nausea, headache, vomiting, coughing, wheezing, laryngitis, headache.
Ingestion: Nausea, headache, vomiting.

HC#10
Pg. 6

FIRST AID: OBTAIN MEDICAL ATTENTION
Eye: Flush with water for 15 minutes.
Skin: Flush with water for 15 minutes.
Inhalation: Remove to fresh air. If breathing has stopped, give artificial respiration.
Ingestion: Administer 4 glasses of water and induce vomiting by touching back of throat with finger.

- 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