

IMPORTANT NOTICE CONCERNING MATERIAL SAFETY DATA SHEET/SAFETY DATA SHEET INFORMATION

Dear Valued Customer,

Sekisui Diagnostics (formerly Genzyme Diagnostics) is working to update all existing documentation in light of the change to our company name and corporate ownership. This includes the (Material) Safety Data Sheets ((M)SDSs) provided with our products.

The following contact information relative to (M)SDSs has changed effective immediately:

Corporate Headquarters:

Sekisui Diagnostics, LLC
31 New York Avenue
Framingham, MA 01701 USA
www.sekisuidiagnostics.com
Phone: 800-332-1042

Manufacturer:

Sekisui Diagnostics P.E.I. Inc.
70 Watts Avenue
Charlottetown, Prince Edward Island
C1E 2B9, Canada
www.sekisuidiagnostics.com
Phone: 800-565-0265

Emergency Telephone Numbers:

Americas: 1-760-476-3962
Europe, Middle East & Africa: +1-760-476-3961
Asia Pacific: +1-760-476-3960
Access Code: 333512

Please feel free to use the information provided above to contact us with any questions pertaining to (M)SDSs.

Material Safety Data Sheet

1 PRODUCT IDENTIFICATION AND USE

MANUFACTURER: Genzyme Diagnostics PEI Inc.
70 Watts Avenue
Charlottetown, P.E.I.
Canada C1E-2B9
+1-902-566-1396

PRODUCT NAME: Parasitology
CATALOGUE NUMBER: Para
PRODUCT USE: For in vitro diagnostic use only.
DATE OF MSDS PREPARATION: February 23, 2009
MSDS PREPARED BY: John Gabriel
EMERGENCY TELEPHONE NO.: 1- (902) 566-1396

2 COMPOSITION, INGREDIENT INFORMATION

Consists of a formalin fixed parasite and fecal matter.

	<u>CAS REGISTRY NUMBER</u>	<u>ACGIH TLV</u>
Formaldehyde 3.7 % v/v	50-00-0	0.3 ppm Ceiling

3 HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW:

Toxic.
Toxic by inhalation, in contact with skin and if swallowed. Causes burns. May cause sensitization by inhalation and skin contact. May cause cancer. May cause heritable genetic damage. Contains formaldehyde. Readily absorbed through skin. Lachrymator.
Target organ(s): Eyes. Kidneys. Confirmed Carcinogen (US). Calif. Prop. 65 carcinogen.

POTENTIAL HEALTH EFFECTS:

ROUTE OF ENTRY/EXPOSURE: EYE CONTACT: [X] SKIN CONTACT: [X] INHALATION: [X] INGESTION: [X]
SKIN ABSORPTION: [X]

EFFECTS OF ACUTE EXPOSURE TO PRODUCTS:

EYES: Will cause irritation.
SKIN: Will cause irritation.
INHALATION: Will cause irritation to mucous membranes and upper respiratory tract.
INGESTION: Will be harmful if ingested.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT:

Formaldehyde:

CHRONIC EXPOSURE - CARCINOGEN

Result: This is or contains a component that has been reported to be carcinogenic based on its IARC, OSHA, ACGIH, NTP, or EPA classification.

CHRONIC EXPOSURE - TERATOGEN

Result: Laboratory experiments have shown teratogenic effects.

CHRONIC EXPOSURE - MUTAGEN

Result: Laboratory experiments have shown mutagenic effects.

CHRONIC EXPOSURE - REPRODUCTIVE HAZARD

Result: Overexposure may cause reproductive disorder(s) based on tests with laboratory animals.

4 FIRST AID MEASURES

EYES: Flush eyes with water for at least 15 minutes and obtain medical attention.
SKIN: In case of contact, immediately flush area with plenty of water. If irritation continues seek medical attention.
INHALATION: If inhaled, remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and obtain medical attention.
INGESTION: If ingested, drink plenty of fluids and obtain medical attention.

5 FIRE AND EXPLOSION HAZARDS

FLAMMABLE: No
FLASH POINT: Not available
FLAMMABLE LIMITS (% in Air): Lower: Not available. Upper: Not available
EXTINGUISHING MEDIA: As appropriate for fires in surrounding materials.
FIREFIGHTING: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
AUTOIGNITION TEMPERATURE: Not available
HAZARDOUS COMBUSTION PRODUCTS: Not available
EXPLOSION DATA: Sensitivity to mechanical impact: Not available. Sensitivity to static discharge: not available

6 ACCIDENTAL RELEASE MEASURES

PROCEDURE TO BE FOLLOWED IN CASE OF LEAK OR SPILL: Ventilate the area. Wear appropriate personal protective equipment as specified in Section 8. Contain and recover liquid when possible. Collect liquid in an appropriate container or absorb with an inert material and place in waste container. Wash surrounding area. Dispose of spilled and contaminated material in accordance with federal, provincial, state, and local regulations.

7 HANDLING AND STORAGE

HANDLING PROCEDURES AND EQUIPMENT: Avoid contact. Do not get in eyes, on skin, or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse.

STORAGE REQUIREMENTS: 18-26 °C

INCOMPATIBILITIES: Not available

HAZARDOUS DECOMPOSITION PRODUCTS: Not available

8 EXPOSURE CONTROLS, PERSONAL PROTECTION

ENGINEERING CONTROLS: Local exhaust not required under normal circumstances.
PERSONAL PROTECTIVE CLOTHING (PPE): Safety glasses with side-shields, lab coat, rubber nitrile or other impermeable gloves.
RESPIRATORY PROTECTION: None required.
EXPOSURE LIMITS: Not available

9 PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Organism is solid in a liquid preservative
APPEARANCE: Dark color
ODOUR: Formaldehyde
ODOUR THRESHOLD: Not available
MELTING POINT: Not available
BOILING POINT: Not available
SPECIFIC GRAVITY: Not available
VAPOUR PRESSURE: Not available
VAPOUR DENSITY: Not available
WATER SOLUBILITY: Soluble
EVAPORATION RATE: Not available
pH at 25 °C: Not available
COEFFICIENT OF OIL/WATER DISTRIBUTION: Not available

10 STABILITY AND REACTIVITY

STABILITY: Stable
POSSIBLE HAZARDOUS REACTIONS/CONDITIONS: Not available
CONDITIONS TO AVOID: Not available
MATERIALS TO AVOID: Not available
HAZARDOUS DECOMPOSITION PRODUCTS: Not available.

11 TOXICOLOGICAL INFORMATION

LD₅₀ Formaldehyde:
Oral rat 100 mg/kg
Skin rabbit 270 uL/kg

LC50 Formaldehyde:
203 mg/m³

SENSITIZATION TO PRODUCT: Prolonged or repeated exposure may cause an allergic reaction in certain sensitive individuals.
NAME OF TOXICOLOGICALLY SYNERGISTIC PRODUCTS: Not available.
IRRITANCY OF PRODUCT: Not available.

12 ECOLOGICAL INFORMATION

Not available

13 DISPOSAL CONSIDERATIONS

RECOMMENDATION FOR DISPOSAL OF UNUSED PRODUCT: Observe all federal, provincial, state and local regulations.

RECOMMENDATION FOR DISPOSAL OF PACKAGING: Observe all federal, provincial, state and local regulations.

14 TRANSPORT INFORMATION

SPECIAL SHIPPING INFORMATION:

Not regulated

15 REGULATORY INFORMATION

EU ADDITIONAL CLASSIFICATION

Symbol of Danger: Xn

Indication of Danger: Harmful.

R: 40-43

Risk Statements: Limited evidence of a carcinogenic effect. May cause sensitization by skin contact.

S: 36/37

Safety Statements: Wear suitable protective clothing and gloves.

US CLASSIFICATION AND LABEL TEXT

Indication of Danger: Toxic.

Risk Statements: Toxic by inhalation, in contact with skin and if swallowed. Causes burns. May cause sensitization by inhalation and skin contact. May cause cancer. May cause heritable genetic damage.

Safety Statements: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves, and eye/face protection.

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Use only in well ventilated areas.

US Statements: Contains formaldehyde. Readily absorbed through skin. Lachrymator. Target organ(s): Eyes. Kidneys. Confirmed Carcinogen (US). Calif. Prop. 65 carcinogen.

UNITED STATES REGULATORY INFORMATION

SARA LISTED: Yes

NOTES: This product is subject to SARA section 313 reporting requirements.

TSCA INVENTORY ITEM: Yes

UNITED STATES - STATE REGULATORY INFORMATION

CALIFORNIA PROP - 65

California Prop - 65: This product is or contains chemical(s) known to the state of California to cause cancer.

CANADA REGULATORY INFORMATION

WHMIS Classification: This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

DSL: Yes

16 OTHER INFORMATION

The information provided on this Material Safety Data Sheet is provided in the interest of promoting safe handling of the material. While this information is believed to be correct, GDPEI makes no warranty in respect to any of the information disclosed. Observe all federal, provincial, state and local laws concerning health and the environment.