



## MATERIAL SAFETY DATA SHEET

### Section 1 - IDENTITY OF THE MANUFACTURER AND PRODUCT

**PRODUCT IDENTITY:** EZ Detect Test Pads  
**PRODUCT CODE #:** 1000 / 1001 / 1002 / 9810 / 9811 / 9818

**MANUFACTURER ADDRESS:** Biomerica, Inc.  
17571 Von Karman Avenue  
Irvine, CA 92614, USA

**Telephone:** 949-645-2111  
**Fax:** 949-553-1231  
**E-mail:** bmra@biomerica.com

**Telephone Number in Case of Emergency:** 800 535-5053 - InfoTrac 24 hours

### Section 2 - COMPOSITION AND INGREDIENT INFORMATION

**Chemical Nature of the Preparation:** Stable, chemical impregnated paper

**Dangerous Substances in the Preparation:** 3,3',5,5'-Tetramethylbenzidine dihydrochloride dihydrate, 6-Methoxyquinoline, Cumene Hydroperoxide, N,N-Dimethylformamide, Isopropyl Alcohol

<b>Chemical</b>	<b>CAS#</b>	<b>EC #</b>	<b>Designation</b>	<b>% w/w</b>
Tetramethylbenzidine	54827-17-7	264-769-6	Harmful	<0.01%
6-Methoxyquinoline	5263-87-6	226-077-2	Harmful	<0.01%
Cumene hydroperoxide	80-15-9	301-254-7	Oxidant	<0.01%
N,N-Dimethylformamide	68-12-2	200-679-5	Toxic	<0.01%
Isopropyl Alcohol	67-63-0	200-661-7	Flammable	<0.01%
L-Malic Acid	97-67-6	202-601-5	Harmful	<0.01%
Ascorbic Acid	50-81-7	200-066-2	Harmful	<0.01%
Polyvinylpyrrolidone K30 & K90	9003-39-8	294-352-4	Harmful	<0.01%

### Section 3 - HAZARDS IDENTIFICATION

**Chemical hazard:**

Tetramethylbenzidine is the color developing compound present in trace quantities on the EZ Detect pad. It and other compounds used in the product can be harmful if exposed directly at high concentrations. These chemicals do not represent a significant chemical hazard at the concentrations present on this product.

### Section 4 - FIRST AID MEASURES

**Skin Contact:** Not applicable.

**Eye Contact:** Not applicable.

**Inhalation:** Not applicable.

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**Ingestion:** Flush mouth with copious amounts of water, provided that the person is conscious and seek medical attention.

<b>Section 5 -</b>	<b>FIRE AND EXPLOSION DATA</b>
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**Suitable Extinguishing Media:** Any method is suitable.

**Extinguishing Media Not to be Used:** Not applicable.

**Special Fire Fighting Procedures:** Not applicable.

**Unusual Fire and Explosion Hazards:** Hazardous combustion or decomposition products.

**NFPA Rating:** Not applicable.

<b>Section 6 -</b>	<b>MEASURES IN CASE OF ACCIDENTAL SPILL</b>
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**Body Precautions:** Not applicable.

**Environmental Precautions:** Not applicable.

**Cleaning Measures:** Not applicable.

<b>Section 7 -</b>	<b>HANDLING AND STORAGE</b>
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**Handling:** Take care not to ingest.

**Storage:** Store product from 5 to 30°C.

<b>Section 8 -</b>	<b>EXPOSURE CONTROL AND PERSONAL PROTECTION</b>
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**Body Protection:** Not applicable.

**Respiratory protection:** In case of fire, wear self-contained breathing apparatus.

**Hand Protection:** Not applicable.

**Eyes Protection:** Not applicable.

**Others:** None known.

<b>Section 9 -</b>	<b>PHYSICAL AND CHEMICAL CHARACTERISTICS</b>
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**Physical State:** Printed chemical cross on paper.

**Color:** Transparent to faint yellow cross with black printing on white biodegradable paper.

**Odor:** None.

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**pH:** Not applicable.  
**Boiling Point:** Not applicable  
**Melting Point:** Not applicable  
**Flash Point:** Not applicable.  
**Auto flammability:** Will not occur.  
**Vapor Pressure:** Not applicable.  
**Water Solubility:** Not applicable.

<b>Section 10 -</b>	<b>STABILITY AND REACTIVITY DATA</b>
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**Stability:** Stable in Normal Conditions.  
**Conditions to Avoid:** None known.  
**Materials to Avoid:** Not applicable.  
**Hazardous Decomposition Products:** Not applicable.

<b>Section 11 -</b>	<b>TOXICOLOGY INFORMATION</b>
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**Effects of Dangerous Substances at the Concentrations Present in the Preparation:**

**Toxic Effects:** See Section 3.  
**Harmful Effects:** See Section 3.  
**Sensitizing Effects:** None known.  
**Carcinogenic/Mutagenic/Teratogen Effects:** None known.

<b>Section 12 -</b>	<b>ECOLOGICAL INFORMATION</b>
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None Known.

<b>Section 13 -</b>	<b>DISPOSAL CONSIDERATIONS</b>
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**Disposal:** Used test may be disposed in waste stream.

<b>Section 14 -</b>	<b>TRANSPORTATION INFORMATION</b>
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**Road / Railway Haulage ADR/RID:** Not restricted.  
**Sea Freight IMO (IMDG):** Not restricted.  
**Air Freight IATA (ICAO):** Not restricted.

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**UN Number:** Not applicable.

<b>Section 15 -</b>	<b>OTHER REGULATORY INFORMATION</b>
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**Classification:** This preparation is classified and labeled according to EEC Directive n. 88/379.

**Symbols of Danger:** None.

**"R" Phrases Indicating Specific Risks:** Not applicable at the trace levels present in the product. See Section 3.

**"S" Phrases Indicating Caution:** Not applicable at the trace levels present in the product. See Section 3.

<b>Section 16 -</b>	<b>OTHER INFORMATION</b>
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**Recommended Use:** For research or *in vitro* diagnostic use only. Not for use on or in humans and animals.

The information contained herein is believed to be correct as of the date of issue but is provided without warranty of any kind. Biomerica shall not be held liable for any damage resulting from handling or from contact with the above product. The recipient is responsible for observing any applicable laws and guidelines. Use the product according to the package insert.