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|---|--|-----|-------------|----------|
|  | <b>MedMira Laboratories Inc.<br/>Quality Management System</b> |     |             |          |
|   | Revision/Issue   | 4/1 | Document ID | CG01MSDS |
| <b>Reveal<br/>MedMira Colorimetric Detection Agent<br/>MSDS</b>                   | Released By  | PB  | Page        | 1 of 3   |
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|          |                                      |
|----------|--------------------------------------|
| IDENTITY | MedMira Colorimetric Detection Agent |
|----------|--------------------------------------|

### Section I – Identification of the Substance and Manufacturer

|  |   |                                       |  |
|--|---|---------------------------------------|--|
| Manufacturer's Name<br>MedMira Laboratories Inc. | Emergency Telephone Number<br>902-450-1588        |                                       |  |
| Address<br>155 Chain Lake Drive, Suite 1         | Telephone Number for Information<br>902-450-1588  |                                       |  |
| Halifax, Nova Scotia                             | Date Prepared<br>September 19, 2000               | Last Revision Date<br>October 6, 2006 |  |
| Canada B3S 1B3                                   | Prepared by<br>MedMira Quality Systems Department |                                       |  |

### Section II - Hazard Ingredients/Identity Information


| Hazardous Components (Specific Chemical Identity; Common Name(s)) | OSHA PEL | ACGIH TLV | Other Limits Recommended | %   |
|---|----------|-----------|--------------------------|-----|
| None  | N/A      | N/A       | N/A                      | N/A |

### Section III – Physical/Chemical Characteristics

|   |               |                                       |                |
|---|---------------|---------------------------------------|----------------|
| Boiling Point (reconstituted)                 | ~100°C        | Specific Gravity (H <sub>2</sub> O=1) | ~1.0           |
| Vapor Pressure (mm Hg)                        | Not available | Melting Point                         | Not applicable |
| Vapor Density (AIR=1)                         | Not available | Evaporation Rate (Butyl Acetate=1)    | Not available  |
| Solubility in Water<br>Soluble                |               |                                       |                |
| Appearance and Odor<br>Rose pink solid pellet |               |                                       |                |

### Section VI – Fire and Explosion Hazard Data

|   |                  |                       |                       |
|---|------------------|-----------------------|-----------------------|
| Flash Point (Method Used)<br>Not applicable   | Flammable Limits | LEL<br>Not applicable | UEL<br>Not applicable |
| Extinguishing Media<br>Use an extinguisher appropriate to the surrounding material that is burning. |                  |                       |                       |
| Special Fire Fighting Procedures<br>None  |                  |                       |                       |
| Unusual Fire and Explosion Hazards<br>None  |                  |                       |                       |


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### Section V – Reactivity Data

|   |                |                             |                             |  |
|---|----------------|-----------------------------|-----------------------------|--|
| Stability   | Unstable       | Conditions to Avoid<br>None |                             |  |
|   | Stable<br>X    |                             |                             |  |
| Incompatibility (Materials to avoid)<br>Ammonia and ammonia salts |                |                             |                             |  |
| Hazardous Decomposition or Byproducts<br>Cl <sub>2</sub> , HCl    |                |                             |                             |  |
| Hazardous Polymerization  | May Occur      |                             | Conditions to Avoid<br>None |  |
|   | Will Not Occur | X                           |                             |  |

### Section VI – Health Hazard Data

|   |                 |                 |                |
|---|-----------------|-----------------|----------------|
| Route(s) of Entry:  | Inhalation<br>X | Skin<br>X       | Ingestion<br>X |
| Health Hazards (Acute and Chronic)<br>No information available  |                 |                 |                |
| Carcinogenicity:  | NTP             | IARC Monographs | OSHA Regulated |
| No information available  |                 |                 |                |
| Signs and Symptoms of Exposure<br>No information available  |                 |                 |                |
| Medical Conditions Generally Aggravated by Exposure<br>No information available   |                 |                 |                |
| Emergency and First Aid Procedures<br>Flush the contaminated eye(s) for at least 15 minutes with lukewarm running water, holding the eyelids open. Take care not to rinse contaminated water into the non-affected eye. Always seek medical attention for accidents involving the eyes. |                 |                 |                |
| In case of contact, immediately flush the skin with lukewarm water for at least 15 minutes. Remove contaminated clothing and wash before reuse. Seek medical attention if irritation persists.  |                 |                 |                |
| If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.   |                 |                 |                |
| If swallowed, wash out mouth with water provided person is conscious. Seek medical attention.   |                 |                 |                |

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### Section VII – Precautions for Safe Handling and Use

|   |
|---|
| <b>Steps to Be Taken in Case Material is Released or Spilled</b><br>If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water (if reconstituted). If not reconstituted, sweep and dispose of in regular waste disposal. Wash site of spillage thoroughly with water and detergent. |
| <b>Waste Disposal Method</b><br>Follow all federal, state, and local regulations for disposal. Disposal of small amounts of spilled material may be handled as described under “Steps to Be Taken in Case Material is Released or Spilled”.   |
| <b>Precautions to Be Taken in Handling and Storage</b><br>None  |
| <b>Other Precautions</b><br>None  |

### Section VIII – Control Measures

|   |  |         |
|---|--|---------|
| <b>Respiratory Protection (Specify Type)</b><br>None required   |  |         |
| <b>Ventilation</b><br>None required   | Local Exhaust                                    | Special |
|   | Mechanical (General)                             | Other   |
| <b>Protective Gloves</b><br>Rubber or plastic gloves  | <b>Eye Protection</b><br>Chemical safety goggles |         |
| <b>Other Protective Clothing or Equipment</b><br>Lab coat   |  |         |
| <b>Work/Hygienic Practices</b><br>Wash thoroughly after handling. Avoid contact and inhalation. Do not get in eyes, on skin, on clothing. |  |         |

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