

**Technical Information**  
**Material Safety Data Sheet**

SDT-1003E

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| <b>SECTION 1</b>   |  | <b>CHEMICAL PRODUCT AND COMPANY IDENTIFICATION</b> |  |
| <b>MANUFACTURE'S NAME</b><br>GASTEC CORPORATION  | <b>TELEPHONE NUMBER</b><br>+81-467-79-3910   | <b>FACSIMILE NUMBER</b><br>+81-467-79-3979         |  |
| <b>ADDRESS</b><br>6431 Fukaya, Ayase-City, Kanagawa 252-1103, Japan  |  |  |  |
| <b>REFERENCE NUMBER</b><br>SDT-1003E   |  | <b>DATE PREPARED</b><br>December 2, 2004           |  |
| <b>PRODUCT NAME</b>  | Gas Detector Tube<br>Nitric oxide Detector Tube No.10                                |  |  |
| <b>SECTION 2</b>   |  | <b>COMPOSITION/INFORMATION ON INGREDIENTS</b>      |  |
| <b>NO<sub>2</sub> Tube:</b> Porous Silica Gel (0.2g) impregnated with O-Tolidine (<0.01%) in a glass tube.<br><b>NO Tube:</b> Porous Silica Gel (0.4g) impregnated with Chromic Anhydride (<1%), Sulfuric Acid (<1%), O-Tolidine (<0.01%) in a glass tube. |  |  |  |
| <b>SECTION 3</b>   |  | <b>HAZARDOUS IDENTIFICATION</b>                    |  |
| Not applicable   |  |  |  |
| <b>SECTION 4</b>   |  | <b>FIRST AID MEASURES</b>                          |  |
| Eye contact:   | Wash eyes immediately with plenty of water for at least 15 minutes and see a doctor. |  |  |
| Skin contact:  | Wash affected area immediately with soap and plenty of water.                        |  |  |
| Inhalation:  | Not applicable   |  |  |
| Ingestion:   | Rinse mouth immediately and see a doctor.  |  |  |
| <b>SECTION 5</b>   |  | <b>FIRE FIGHTING MEASURES</b>                      |  |
| None   |  |  |  |
| <b>SECTION 6</b>   |  | <b>ACCIDENTAL RELEASE MEASURES</b>                 |  |
| Not applicable   |  |  |  |
| <b>SECTION 7</b>   |  | <b>HANDLING AND STORAGE</b>                        |  |
| When breaking off the tube ends, keep away from eyes.<br>Broken glass tubes should not be picked up with bare hands.<br>Tubes should be stored in a cool and dark place.   |  |  |  |
| <b>SECTION 8</b>   |  | <b>EXPOSURE PROTECTION</b>                         |  |
| Not applicable   |  |  |  |
| <b>SECTION 9</b>   |  | <b>PHYSICAL AND CHEMICAL PROPERTIES</b>            |  |
| Not applicable   |  |  |  |

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| <b>SECTION 10</b> | <b>STABILITY AND REACTIVITY</b><br>Not applicable  |
| <b>SECTION 11</b> | <b>TOXICOLOGICAL INFORMATION</b><br>Not applicable   |
| <b>SECTION 12</b> | <b>ECOLOGICAL INFORMATION</b><br>Not applicable  |
| <b>SECTION 13</b> | <b>DISPOSAL CONSIDERATION</b><br>NO <sub>2</sub> tube does not contain any hazardous materials.<br>NO tube contains 2.73mg of hexavalent chrome.<br>Dispose of in accordance with all applicable laws and regulations.<br>(Contact local environmental agency for specific rules.) |
| <b>SECTION 14</b> | <b>TRANSPORT INFORMATION</b><br>Breakage of tubes caused by drops, high pressure or bends should be avoided.   |
| <b>SECTION 15</b> | <b>REGULATORY INFORMATION</b><br>Not applicable  |
| <b>SECTION 16</b> | <b>OTHER INFORMATION</b><br>No specific notes  |