

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

SDT-221LL02E1

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**SECTION I**

| Manufacture's Name | Telephone Number | Facsimile Number |
|--------------------|------------------|------------------|
| Gastec Corporation | +81-467-79-3910  | +81-467-79-3979  |

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**ADDRESS**

6431 Fukaya, Ayase-City, Kanagawa 252-1103, Japan

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| REFERENCE NUMBER | DATE PREPARED     |
|------------------|-------------------|
| SDT-221LL02E1    | December 25, 2002 |

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| PRODUCT NAME   |  |
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| Gas Detector Tube<br>Chloride Ion Detector Tube No.221LL |  |

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**SECTION II**                      **TYPICAL COMPOSITION**

Impregnated chemical reagent is filled in glass tube.  
Weight of chemical reagent is about 1.3 grams.  
Silica Gel (60-70%), Alumina (30-40%), Silver Nitrate (AgNO<sub>3</sub>) (<0.1%), Potassium Chromate (K<sub>2</sub>CrO<sub>4</sub>) (<0.1%)

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**SECTION III**                      **CLASSIFICATION OF HAZARDOUS SUBSTANCE**

None considered necessary

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**SECTION IV**                      **EMERGENCY & FIRST AID PROCEDURE**

|             |   |
|-------------|---|
| Eyes:       | Wash eyes with fresh water for at least 15 minutes. If irritation continues, see a doctor |
| Skin:       | Wash skin thoroughly with soap and water.   |
| Inhalation: | None considered necessary   |
| Ingestion:  | If swallowed, immediately rinse mouth and see a doctor                                    |

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**SECTION V**                      **FIRE PROTECTION INFORMATION**

None considered necessary

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**SECTION VI**                      **SPILL/LEAK PROCEDURES**

None considered necessary

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**SECTION VII**                      **PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**

Broken glass tubes should not be picked up with bare hands.  
Tubes should be stored in a cool and dark place

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**SECTION VIII**                      **WASTE DISPOSAL METHOD**

This tube contains chromic acid of 0.05 mg per tube. Dispose of in accordance with all applicable laws and regulations.

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**SECTION IX**                      **REQUIREMENTS FOR TRANSPORTATION, HANDLING AND STORAGE**

Drop, high pressure, water contamination should be avoided.

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