

Technical Information
Material Safety Data Sheet

SDT-4TSC_02E

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| SECTION 1 | | CHEMICAL PRODUCT AND COMPANY IDENTIFICATION | |
| MANUFACTURE'S NAME | TELEPHONE NUMBER | FACSIMILE NUMBER | |
| GASTEC CORPORATION | +81-467-79-3910 | +81-467-79-3979 | |
| ADDRESS | | | |
| 8-8-6 Fukayanaka, Ayase-City, Kanagawa 252-1195, Japan | | | |
| REFERENCE NUMBER | | DATE PREPARED | |
| SDT-4TSC_02E | | January 10, 2014 | |
| PRODUCT NAME | Gas Detector Tube Total Sulfur Content Detector Tube No.4TSC | | |
| SECTION 2 | | COMPOSITION/INFORMATION ON INGREDIENTS | |
| Porous Silica Gel (0.6 g) impregnated with Barium Perchlorate (<1%) and Mercury(II) Chloride (<0.01%) in a glass tube. | | | |
| SECTION 3 | | HAZARDOUS IDENTIFICATION | |
| Not applicable | | | |
| SECTION 4 | | FIRST AID MEASURES | |
| 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. | | |
| SECTION 5 | | FIRE FIGHTING MEASURES | |
| None | | | |
| SECTION 6 | | ACCIDENTAL RELEASE MEASURES | |
| Not applicable | | | |
| SECTION 7 | | HANDLING AND STORAGE | |
| When breaking off the tube ends, keep away from eyes. Broken glass tubes should not be picked up with bare hands. Tubes should be stored in a refrigerator. | | | |
| SECTION 8 | | EXPOSURE PROTECTION | |
| Not applicable | | | |
| SECTION 9 | | PHYSICAL AND CHEMICAL PROPERTIES | |
| Mercury(II) Chloride: | | | |
| Flash point: | Not available | | |
| Autoignition point: | Not available | | |

SECTION 10 **STABILITY AND REACTIVITY**

Mercury(II) Chloride:
Stability: Stable for heat and light.
Reactivity: Not available
Condition to avoid: Sunlight, Heat
Hazardous decomposition product: Mercury oxide or chloride may be formed.

SECTION 11 **TOXICOLOGICAL INFORMATION**

Mercury(II) Chloride:
Acute toxicity data: LCL0: (ihl, human): 300mg/m³/10 min.
LD50: (orl, rat): 1mg/kg
LDL0: (iv, dog): 2710 μ g/kg
LD50: (ip, mouse): 7165 μ g/kg
Irritation data: Skin; rabbit; 500mg/24h; severe
Eye; rabbit; 50mg/24h; severe
Mutagenicity: Chromosomal aberration test; hamster; wbc: 50 μ mol/L
DNA; damage; hamster; ovarian: 2500nmol/L
DNA; inhibition; mouse; wbc: 100nmol/L
dominant lethal gene test:: rat; orl: 250mg/kg
Carcinogen: Not available

SECTION 12 **ECOLOGICAL INFORMATION**

Not available

SECTION 13 **DISPOSAL CONSIDERATION**

This tube contains 0.04mg of inorganic mercury.
Dispose of in accordance with all applicable laws and regulations.
(Contact local environmental agency for specific rules.)

SECTION 14 **TRANSPORT INFORMATION**

Breakage of tubes caused by drops, high pressure or bends should be avoided.

SECTION 15 **REGULATORY INFORMATION**

Not applicable

SECTION 16 **OTHER INFORMATION**

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use.