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

SDT-2LC\_06E

SECTION 1		CHEMICAL PRODUCT AND COMPANY IDENTIFICATION	
MANUFACTURE'S NAME GASTEC CORPORATION		TELEPHONE NUMBER +81-467-79-3910	FACSIMILE NUMBER +81-467-79-3979
ADDRESS 8-8-6 Fukayanaka, Ayase-City, Kanagawa 252-1195, Japan			
REFERENCE NUMBER SDT-2LC_06E		DATE PREPARED May 7, 2012	
PRODUCT NAME		Gas Detector Tube Carbon Dioxide Detector Tube No.2LC	
SECTION 2		COMPOSITION/INFORMATION ON INGREDIENTS Porous Silica Gel (0.4 g) impregnated with Polyhydric Alcohol (<5%) and Potassium Hydroxide (<1%) 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 cool and dark place.	
SECTION 8		EXPOSURE PROTECTION Not applicable	
SECTION 9		PHYSICAL AND CHEMICAL PROPERTIES Polyhydric Alcohol: Flash point: 116°C (tag sealing) Autoignition point: 402°C	

<b>SECTION 10</b>	<b>STABILITY AND REACTIVITY</b>
Polyhydric Alcohol:	
Stability:	Stable. Hygroscopic
Reactivity:	May cause explosion in contact with oxidant.
Condition to avoid:	Sunlight, Heat, Open flames, High temperature, Sparks, Static charge, Other ignition sources
Hazardous decomposition product:	Carbon monoxide may be formed.
<b>SECTION 11</b>	<b>TOXICOLOGICAL INFORMATION</b>
Polyhydric Alcohol:	
Acute toxicity data:	TCL0: (ihl, human): 10000mg/m <sup>3</sup> ; watering eye, cough, breathing problem LD50: (orl, rat): 4700mg/kg LD50: (sc, rat): 2800mg/kg LD50: (skn, rabbit): 9530mg/kg
Irritation data:	Skin; rabbit; 555mg; open system; minor Eye; rabbit; 100mg/lh; minor
Mutagenicity:	DNA; inhibition; human; lymphocyte; 320mmol/L
Teratogenicity:	TDL0: (orl, mouse): 7500mg/kg; (6-15 D preg) embryotoxicity; abnormal musculoskeletal
Carcinogen:	OSHA: Not listed NTP: Not listed IARC: Not listed
<b>SECTION 12</b>	<b>ECOLOGICAL INFORMATION</b>
	Not available
<b>SECTION 13</b>	<b>DISPOSAL CONSIDERATION</b>
	This tube does not contain any hazardous materials. Dispose of in accordance with all applicable laws and regulations. (Contact local environmental agency for specific rules.)
<b>SECTION 14</b>	<b>TRANSPORT INFORMATION</b>
	Breakage of tubes caused by drops, high pressure or bends should be avoided.
<b>SECTION 15</b>	<b>REGULATORY INFORMATION</b>
	Not applicable
<b>SECTION 16</b>	<b>OTHER INFORMATION</b>
	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.