

Technical Information
Material Safety Data Sheet

SDT-2LC_04E

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 6431 Fukaya, Ayase-City, Kanagawa 252-1103, Japan					
REFERENCE NUMBER SDT-2LC_04E			DATE PREPARED September 10, 2005		
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			

SECTION 10 STABILITY AND REACTIVITY

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.

SECTION 11 TOXICOLOGICAL INFORMATION

Polyhydric Alcohol:
Acute toxicity data: TCL0: (ihl, human): 10000mg/m³; 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: TDLO: (orl, mouse): 7500mg/kg; (6-15 D preg) embryotoxicity; abnormal musculoskeletal
Carcinogen: OSHA: Not listed
NTP: Not listed
IARC: Not listed

SECTION 12 ECOLOGICAL INFORMATION

Not available

SECTION 13 DISPOSAL CONSIDERATION

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.)

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

No specific notes