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5-7-12

Technical Information
Material Safety Data Sheet

SDT-2L_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-2L_06E		DATE PREPARED May 7, 2012	
PRODUCT NAME		Gas Detector Tube Carbon Dioxide Detector Tube No.2L	
SECTION 2		COMPOSITION/INFORMATION ON INGREDIENTS Porous Silica Gel (0.4 g) Impregnated with Hydrazine Hydrate (<5%) 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 Hydrazine Hydrate: Flash point: 96°C (COC) Autoignition point: Not available	

SECTION 10	STABILITY AND REACTIVITY
Hydrazine Hydrate:	
Stability:	Stable. (May cause explosion when heated)
Reactivity:	Not available
Condition to avoid:	Sunlight, Heat, Open flames, High temperature, Sparks, Static charge, Other ignition sources
Hazardous decomposition product:	Nitrogen oxide may be formed.
SECTION 11	TOXICOLOGICAL INFORMATION
Hydrazine Hydrate:	
Acute toxicity data:	LD50: (orl, cavy): 40mg/kg LD50: (iv, rabbit): 25mg/kg
Irritation data:	Not available
Mutagenicity:	Hydrazine anhydrate: Approved existing chemical substances (Ministry of Labor 341,1994) Mutagenicity test in microorganisms: Ratio activated value 5.2 x 104 revertants/mg Chromosomal aberration test in mammalian cultured cell: D20, 0.074mg
Carcinogen:	EPA: Probably human carcinogen (B2) NTP: Human carcinogen (R) IARC: Possibility human carcinogen (Group 2B) ACGIH: Animal carcinogen (A3) JSOH: Possibility human carcinogen (Group 2B) (no sufficient basis)
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
	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.