

Technical Information
Material Safety Data Sheet

SDT-2L_04E

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

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

REFERENCE NUMBER	DATE PREPARED
SDT-2L04E	September 8, 2004

PRODUCT NAME	Gas Detector Tube Carbon Dioxide Detector Tube No.2L
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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

No specific notes