

Technical Information
Material Safety Data Sheet

SDT-153L_01E

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-153L_01E	May 30, 2008		
PRODUCT NAME	Gas Detector Tube Methyl Isobutyl Ketone Tube No.153L		
SECTION 2		COMPOSITION/INFORMATION ON INGREDIENTS	
		Porous Silica Gel (0.7g) impregnated with Sulphuric Acid (<10%), Potassium Hydroxide (<1%) Sodium Hydroxide (<1%), phosphoric acid (<1%) and Chromic Acid Anhydride (<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	
Sulfuric acid:			
Flash point:	Not available		
Autoignition point:	Not available		
SECTION 10		STABILITY AND REACTIVITY	
Sulfuric acid:			
Stability:	Stable. Absorb moisture powerfully from the air.		

Reactivity: React violently with water to evolve heat and may spatter. Bite into metals and concrete caused by oxidation. Carbonize to flammable organic materials.
Condition to avoid: Sunlight, Heat, Moisture
Material to avoid: Organic materials, Reducing agents, Metals
Hazardous decomposition product: Sulfur oxides may be formed

SECTION 11 TOXICOLOGICAL INFORMATION

Sulfuric acid:
Acute toxicity data: LD50 (orl, rat): 2140mg/kg
LC50 (ihl, cavy): 18mg/m³
Irritation data: Eye; rabbit; 1380 μ g; severe
Mutagenicity: Not available
Carcinogen: Not available

SECTION 12 ECOLOGICAL INFORMATION

Not available

SECTION 13 DISPOSAL CONSIDERATION

This tube contains 0.12mg of Hexavalent Chromium.
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