

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

SDT-131LB\_03E

<b>SECTION 1</b>		<b>CHEMICAL PRODUCT AND COMPANY IDENTIFICATION</b>	
<b>MANUFACTURE'S NAME</b> GASTEC CORPORATION	<b>TELEPHONE NUMBER</b> +81-467-79-3910	<b>FACSIMILE NUMBER</b> +81-467-79-3979	
<b>ADDRESS</b> 8-8-6 Fukayanaka, Ayase-City, Kanagawa 252-1195, Japan			
<b>REFERENCE NUMBER</b> SDT-131LB_03E		<b>DATE PREPARED</b> May 31, 2006	
<b>PRODUCT NAME</b>	Gas Detector Tube Vinyl Chloride Detector Tube No.131LB		
<b>SECTION 2</b>		<b>COMPOSITION/INFORMATION ON INGREDIENTS</b>	
Porous Silica Gel (0.7g) impregnated with Sulfuric Acid (5-15%) and Lead Dioxide (<5%) in a glass tube.			
<b>SECTION 3</b>		<b>HAZARDOUS IDENTIFICATION</b>	
Not applicable			
<b>SECTION 4</b>		<b>FIRST AID MEASURES</b>	
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.		
<b>SECTION 5</b>		<b>FIRE FIGHTING MEASURES</b>	
None			
<b>SECTION 6</b>		<b>ACCIDENTAL RELEASE MEASURES</b>	
Not applicable			
<b>SECTION 7</b>		<b>HANDLING AND STORAGE</b>	
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 refrigerator.			
<b>SECTION 8</b>		<b>EXPOSURE PROTECTION</b>	
Not applicable			
<b>SECTION 9</b>		<b>PHYSICAL AND CHEMICAL PROPERTIES</b>	
Lead dioxide, Sulfuric acid:			
Flash point:	Not available		
Autoignition point:	Not available		

<b>SECTION 10</b>	<b>STABILITY AND REACTIVITY</b>
Lead dioxide:	
Stability:	Stable. Oxygen is emitted when heated.
Reactivity:	Not available
Condition to avoid:	Sunlight, Heat
Hazardous decomposition product:	Lead chloride and trilead tetroxide may be formed.
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
<b>SECTION 11</b>	<b>TOXICOLOGICAL INFORMATION</b>
Lead dioxide:	
Acute toxicity data:	LD50 (ip, cavy): 220mg/kg (RTECS)
Irritation data:	Not available
Mutagenicity:	Not available
Carcinogen:	IARC: Possibility human carcinogen (Group 2B) JSOH: Possibility human carcinogen (Group 2B) (no sufficient basis)
Sulfuric acid:	
Acute toxicity data:	LD50 (orl, rat): 2140mg/kg LC50 (ihl, cavy): 18mg/m <sup>3</sup>
Irritation data:	Eye; rabbit; 1380 μg; severe
Mutagenicity:	Not available
Carcinogen:	Not available
<b>SECTION 12</b>	<b>ECOLOGICAL INFORMATION</b>
	Not available
<b>SECTION 13</b>	<b>DISPOSAL CONSIDERATION</b>
	This tube contains 6.4mg of lead. 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>
	No specific notes