

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

SDT-3H\_06E

<b>SECTION 1</b>		<b>CHEMICAL PRODUCT AND COMPANY IDENTIFICATION</b>	
<b>MANUFACTURE'S NAME</b>		<b>TELEPHONE NUMBER</b>	<b>FACSIMILE NUMBER</b>
GASTEC CORPORATION		+81-467-79-3910	+81-467-79-3979
<b>ADDRESS</b>			
8-8-6 Fukayanaka, Ayase-City, Kanagawa 252-1195, Japan			
<b>REFERENCE NUMBER</b>		<b>DATE PREPARED</b>	
SDT-3H_06E		May 7, 2012	
<b>PRODUCT NAME</b>		Gas Detector Tube Ammonia Detector Tube No.3H	
<b>SECTION 2</b>		<b>COMPOSITION/INFORMATION ON INGREDIENTS</b>	
		Porous Silica Gel (0.3 g) is Impregnated with phosphoric acid (5-10%) 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 cool and dark place.	
<b>SECTION 8</b>		<b>EXPOSURE PROTECTION</b>	
		Not applicable	
<b>SECTION 9</b>		<b>PHYSICAL AND CHEMICAL PROPERTIES</b>	
Phosphoric acid:			
Flash point:		Not available	
Autoignition point:		Not available	

<b>SECTION 10</b>	<b>STABILITY AND REACTIVITY</b>
Phosphoric acid:	
Stability:	Stable. Absorb moisture powerfully from the air.
Reactivity:	Bite into alloys or ferrous metals to create hydrogen.
Condition to avoid:	Sunlight, Heat
Material to avoid:	Metals
Hazardous decomposition product:	Not available
<b>SECTION 11</b>	<b>TOXICOLOGICAL INFORMATION</b>
Phosphoric acid:	
Acute toxicity data:	LD50 (orl, rat): 1530mg/kg LD50 (skin, rabbit): 2470mg/kg LDLo (unknown exposure path, human): 220mg/kg
Irritation data:	Skin; rabbit; 595mg/24h; severe Eye; rabbit; 119mg; severe
Mutagenicity:	Not available
Carcinogen:	Not available in OSHA, NTP or IARC
<b>SECTION 12</b>	<b>ECOLOGICAL INFORMATION</b>
Phosphoric acid:	
Ambulatory:	Judging from physicochemical property, can ambulate to water system or soil environment.
Biodegradability:	Not available
Bioaccumulation potential:	Not available
Aquatic toxicity:	Not available
<b>SECTION 13</b>	<b>DISPOSAL CONSIDERATION</b>
	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.)
<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>
	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.