




Quality Assurance / Regulatory Affairs  
333 Fiske Street  
Holliston, MA 01746

**Product:** BK-A17647D  
**Description:** CO2 Acid Reagent

**Emergency Telephone No: 508-429-0450**

Composition/Hazardous	Approximate % by weight	CAS#
Sulfuric Acid	< 7%	7664-93-9

Physical Data		Fire and Explosion Data	
Boiling Point:	100 °C	Melting Point:	N/A
Vapor Pressure:	<0.001 mmHg	% Volatility:	N/G
Evaporation Rate:	Slower than ether	Solubility In Water:	Miscible
Specific Gravity:	Approx. 1	Appearance-Odor:	Clear Liquid
Freezing Point:	0 °C	pH:	1
		Flash Point: Method:	N/A
		Flammable Limits:	N/A
		Extinguishing Media:	Suitable for surrounding fire
		Special Fire Fighting Procedures:	Self-contained breathing apparatus and protective clothing
		Explosion Potential:	N/G

Precaution for Safe Handling and Use	Health and Hazard Data
<p>Handling Precautions: Avoid inhaling, ingesting and contact with eyes and skin.</p> <p>In Case of Spill: Soak up with non-combustible absorbent material. Rinse affected area with copious amounts of water.</p> <p>Disposal Method: In accordance with applicable Federal, state, and local laws and regulations</p> <p>Protective Controls: Protective clothing, gloves and safety goggles</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">  <p>Personal Protective Equipment</p> </div>	<p>Threshold Limit Value (TLV): N/G</p> <p>Signs-Symptoms of Overexposure: Long term exposure to sulfuric acid mist can result in teeth erosion, irritation of respiratory tract and gastrointestinal disturbances.</p>

Emergency and First Aid Procedure	Reactivity Data
<p>Skin Contact: Flush affected area with copious amounts of water.</p> <p>Eye Contact: Flush affected area with copious amounts of water.</p> <p>Ingestion: Rinse mouth with water, drink large quantities of water and call a physician.</p> <p>Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical aid.</p>	<p>Stability: Stable</p> <p>Incompatibility (materials to avoid): Metals, Oxidizing agents, reducing agents, bases, organic materials.</p> <p>Hazardous Decomposition Products: Oxides of sulfur</p> <p>Hazardous Polymerization: Has not been reported</p> <p>Conditions to avoid-Suggested Storage: Do not store near combustible material. Avoid excess heat.</p>

Transportation Care	Other Information
No Restrictions	The information contained herein is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Diamond Diagnostics shall not be held liable for any changes resulting from handling or contact with the above product. See reverse side of invoice or packaging slip for additional terms and conditions of sale.

N/G = Not Given      N/A = Not Applicable or Not Available