




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

Product: RO-1042374D
Description: ISE Etching Solution

Emergency Telephone No: 508-429-0450

Composition/Hazardous	Approximate % by weight	CAS#
Ammonium hydrogenfluoride	< 1%	1341-49-7

Physical Data				Fire and Explosion Data	
Boiling Point:	Approx. 100 °C	Melting Point:	N/G	Flash Point: Method:	N/A
Vapor Pressure:	N/G	% Volatility:	N/G	Flammable Limits:	N/A
Evaporation Rate:	N/G	Solubility In Water:	Miscible	Extinguishing Media:	Suitable for surrounding fire
Specific Gravity:	Approx. 1	Appearance:	Clear Liquid	Special Fire Fighting Procedures:	Self-contained breathing apparatus and protective clothing.
Freezing Point:	0 °C	pH:	2-4	Explosion Potential:	Unknown

Precaution for Safe Handling and Use		Health and Hazard Data	
In Case of Spill:	Soak up with non-combustible absorbent material. Rinse affected area with copious amounts of water.	Threshold Limit Value (TLV):	N/G
Disposal Method:	In accordance with applicable Federal, state, and local laws and regulations	Signs-Symptoms of Overexposure:	Irritation of affected area.
Protective Controls:	Protective clothing, gloves and safety goggles.		
 Personal Protective Equipment			

Emergency and First Aid Procedure		Reactivity Data	
Skin Contact:	Flush affected area with copious amounts of water for at least fifteen minutes. Seek medical aid for irritation. Remove contaminated clothing and wash before use.	Stability:	Stable
Eye Contact:	Flush affected area with copious amounts of water for at least fifteen minutes. Seek medical aid for irritation.	Incompatibility (materials to avoid):	N/G
Inhalation:	Remove to fresh air. If symptoms persist or are severe, seek prompt medical assistance.	Hazardous Decomposition Products:	N/G
Ingestion:	Do not induce vomiting. Seek medical aid.	Hazardous Polymerization:	Will not occur
		Conditions to avoid:	Avoid exposure to heat and light
		Suggested Storage:	Store as recommended on product labeling

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