

NATIONAL UNIVERSITY OF SINGAPORE

Experiment-Based Risk Assessment Form			
Name of Department	Chemistry	Location of Lab	S9 #02-03
Name of Laboratory	CSMM3 Lab	Name of PI	Mark Breese
Name of Researcher/LO	Sara Azimi	Name of Activity/Experiment	storage of HF and wares

No	Description/Details of Steps in Activity	Hazards	Possible Accident / Ill Health & Persons-at-Risk	Existing Risk Control (Mitigation)	Severity	Likelihood (Probability)	Risk Level	Additional Risk Control	Person Responsible	By (Date)
1	Store HF in locked cupboard within a secondary containment container constructed of polyethylene (plastic) or Teflon.	Do not store HF with incompatible materials such as glass, ceramics, and metals (reactions with metals may generate hydrogen gas).	Possible exposure from leakages	All cabinets containing concentrated HF should be clearly marked and have a copy of the SOP posted nearby. For waste HF, put in dilute alkaline solution in the waste carboy	2	1	2		Ow Yueh Sheng and Teo Ee Jin	5/11/2010
2							0			
3							0			
4							0			
5							0			
6							0			
7							0			
8							0			
9							0			
10							0			

Conducted By Sara Azimi

Approved By
 Name Mark Breese
 Signature _____
 Approval date _____ Next Revision date _____
 (Maximum 3 years)