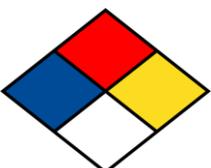## HIGHLY REACTIVE CHEMICAL STANDARD OPERATING PROCEDURE

GENERAL SOP INFORMATION

Highly Reactive Chemical SOP
Type of SOP:

☐ Reactive Chemical　　☐ Nanoparticles　　☐ Equipment Pre-Start Up　　☐ Other

SOP OBJECTIVE AND/OR PURPOSE:

CHEMICAL CHARACTERISTICS:	
Chemical Name:	
Chemical Formula:	
Chemical Reaction:	

HAZARDS	
Health Hazards	
Physical Hazards	
Toxicity Data	
NFPA	Fill in the NFPA diamond with the corresponding hazard information: **RED**: Flammability　　**BLUE**: Health **YELLOW**: Reactivity

SAFETY REQUIREMENTS	
Engineering Controls	• _____ • _____ • _____ • _____ • _____
Administrative Controls	• _____ • _____ • _____ • _____ • _____

PPE	• _____ • _____ • _____ • _____ • _____

HRC SOP Procedure Steps

Sequence of Steps:	Potential Accidents or Hazards:	Preventative Measures
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		

EMERGENCY PROCEDURES

Minor Spills		
Major Spills	Evacuate the lab and call GT Police: 404-894-2500.	
Exposures	Ocular	Wash eyes at eyewash station for 15 minutes
	Full body	Remove clothes and rinse at emergency shower for 15 minutes
	Other	Wash area at sink with water for 15 minutes
Reporting		

ADDITIONAL REQUIREMENTS

Work Practices	
Regulatory	

REFERENCES

SDS	