

1 Project or Activity

1.1: Brief description of project or activity
Sciene

2 Hazards

2.1Hazardous Substances used and Generated				
	Hazardous Substance	Hazard Statements	Precautionary State-ments	Workplace exposure limit
Chemicals	4-(Dimethylamino)benzoic acid	H335, H319, H315	P351, P261, P305, P338	
Carinogens, mutagens or reproductive toxins				
hline Dusts or Fumes				
Asphyxiants				
Other substances hazardous to health				

3 Risks

3.1: Human diseases, illnesses or conditions associated with hazarous substances
some illnesses here...
3.2: potential routes of exposure
Inhalation <input type="checkbox"/> Ingestion <input type="checkbox"/> injection <input type="checkbox"/> Absorption <input type="checkbox"/> Other <input type="checkbox"/>
3.3: Use of hazardous substances
small scale <input type="checkbox"/> medium scale <input type="checkbox"/> large scale <input type="checkbox"/> fieldwork <input type="checkbox"/> animals <input type="checkbox"/> plants <input type="checkbox"/> maintenance <input type="checkbox"/> cleaning <input type="checkbox"/> other <input type="checkbox"/>
3.4: Frequency of use
Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly <input type="checkbox"/> Other <input type="checkbox"/>
3.5:Maximum amount or concentration used
Negligible <input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>
3.6: Potential for exposure to hazardous substances
Negligible <input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>
3.7: Who might be at risk
Staff <input type="checkbox"/> Students <input type="checkbox"/> Visitors <input type="checkbox"/> Public <input type="checkbox"/> Young People (18 yo) <input type="checkbox"/> New and expectant mothers <input type="checkbox"/> other <input type="checkbox"/>
3.8: Assesment of risk to human health
Level of risk : Low <input type="checkbox"/> High <input type="checkbox"/> Very High <input type="checkbox"/>
3.9: Assesment of risk to environment
Level of risk: low <input type="checkbox"/> High <input type="checkbox"/> Very High <input type="checkbox"/>

4 Controls to Reduce Risks as Low as Possible

4.1: Containment	
Laboratory <input type="checkbox"/> Room <input type="checkbox"/> Controlled Area <input type="checkbox"/> Total Containment <input type="checkbox"/> Glove box <input type="checkbox"/> Fume cupboard <input type="checkbox"/> Local exhaust ventilation <input type="checkbox"/> access control <input type="checkbox"/> other <input type="checkbox"/>	
4.2: Other Controls	
4.3: Storage of Hazardous substances	
4.4: Transport of hazardous substances	
4.5: Personal protective equipment (PPE)	
Lab coat <input type="checkbox"/> Overalls <input type="checkbox"/> Chemical suit <input type="checkbox"/> Disposable clothing <input type="checkbox"/> Apron <input type="checkbox"/> Spectacles <input type="checkbox"/> Goggles <input type="checkbox"/> Face Shield <input type="checkbox"/> Gloves <input type="checkbox"/> Special Headwear <input type="checkbox"/> Special Footwear <input type="checkbox"/> Other <input type="checkbox"/>	
4.6: Respiratory protective equipment (RPE)	
Disposable mask <input type="checkbox"/> Filter Mask <input type="checkbox"/> Half face respirator <input type="checkbox"/> Full face respirator <input type="checkbox"/> Breathing apparatus <input type="checkbox"/> Powered respirator <input type="checkbox"/> Other <input type="checkbox"/>	
4.7: Waste management and disposal	
liquid <input type="checkbox"/> solid <input type="checkbox"/> gas <input type="checkbox"/> inorganic <input type="checkbox"/> organic <input type="checkbox"/> aqueous <input type="checkbox"/> mixed <input type="checkbox"/> other <input type="checkbox"/>	
4.8: Monitoring Exposure	
4.9: Health surveillance	
4.10: Instruction, Training and Supervision	
Special Instructions are required to carry out the work (yes <input type="checkbox"/> no <input type="checkbox"/>	
Special training is required to safely carry out the work (yes <input type="checkbox"/> no <input type="checkbox"/>	
A: Work may not be carried out without direct personal supervision (yes <input type="checkbox"/> no <input type="checkbox"/>	
B: Work may not be started without the advice and approval of supervisor (yes <input type="checkbox"/> no <input type="checkbox"/>	
C: Work can be carried out without direct supervision (yes <input type="checkbox"/> no <input type="checkbox"/>	
Supervisors(s)	Justin Perry

5 Emergency Procedures

5.1: Emergency Procedures		
5.2: Minor spillage or release		
Specify procedure		
Other actions	Evacuate and secure laboratory/area <input type="checkbox"/>	
	Inform competent person <input type="checkbox"/>	
5.3: Major spillage or release		
Specify procedure		
Other actions	Evacuate and secure laboratory/area <input type="checkbox"/>	
	Inform competent person <input type="checkbox"/>	
5.4: Fire precautions		
Carbon dioxide water powder foam blanket automatic fire suppression other		
5.5: First aid		
Wash with copious amounts of water and apply PEG 300 for phenol		
Wash with copious amounts of water and apply calcium gluconate gel for hydrofluoric acid		
Remove affected clothing and wash with copious amounts of water for skin contact Oxygen for cyanide Eye wash station		
Emergency Shower Other		
See 5.1, in all cases of exposure consult a physician, provide this form to the consulting physician.		
5.6: Emergency Contacts		
Name:	Position	Telephone
	Responsible Person	

6 Approval

6.1: Assesor		
Name: Alexander Papiez	Signature	Date July 11, 2016
6.2: Responsible Person		
Name: Justin Perry	Signature	Date July 11, 2016