

HAZARDOUS CHEMICALS / DANGEROUS GOODS RISK ASSESSMENT

Assessment Details	
Conducted By:	Date:
Department / Location:	

Chemical Details				
Product Name:				
Other Names (common name):				
Manufacturer:				
Intended Chemical use:				
Is it a Hazardous Chemical?	Yes	No		
Is it a Dangerous Good?	Yes	No	UN No:	Class:
			Packaging Group:	Subsidiary Risk:
Is a SDS Available?	Yes	No	Dated:	
Labels available for decanting?	Yes	No	N/A	

Health Exposure <i>(Tick boxes where applicable)</i>	
Persons are exposed by:	<div style="display: flex; justify-content: space-between;"> Continuous release / emission Intermittent release / emission </div> <div style="display: flex; justify-content: space-between;"> Spill / Accident Emergency </div>
Inhalation Exposure levels are:	<div style="display: flex; justify-content: space-between;"> Below exposure standard </div> <div style="display: flex; justify-content: space-between;"> Approach / exceed exposure standard </div> <div style="display: flex; justify-content: space-between;"> Unknown </div>
Scale of Use:	<div style="display: flex; justify-content: space-between;"> Minor / Domestic Laboratory Extensive / Industrial </div>
Potential Exposure (Acute & Chronic)	<div style="display: flex; justify-content: space-between;"> Inhalation <i>Detail:</i> </div>
	<div style="display: flex; justify-content: space-between;"> Skin Contact (including eyes) <i>Detail:</i> </div>
	<div style="display: flex; justify-content: space-between;"> Ingestion <i>Detail:</i> </div>
	<div style="display: flex; justify-content: space-between;"> Injection <i>Detail:</i> </div>

Dangerous Goods Hazards			
Physical properties	Biological hazards	Corrosive	Reactivity
Sensitivity	Environmental	Disposal	Spill
Mechanical	Electrical (inc Static)	External	Other

I have read and reviewed the most up to date Safety Data Sheet available Y/N	<div style="display: flex; justify-content: space-around;"> Yes No </div>	If NO, Do NOT proceed.
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Control Measures	
Elimination	
Can the use of the chemical be eliminated:	<div style="display: flex; justify-content: space-around;"> Yes No </div>

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Control Measures						
Substitution						
Can the chemical be substituted for another chemical that is less hazardous or in a different form?						
Yes	No	Different Chemical		Lower Concentration _____%		
Different form		Solid	Liquid	Powder	Granules	Gas
Engineering						
Enclosure:		Enclose Chemical/ Process		Enclose the Worker		
Ventilation:		Exhaust Extraction		Dilution Air Supply		Natural Ventilation
		Other: _____				
Other Engineering:		:				
Administrative						
Work Instruction/ Work Method Statement			Signage		Supervision	
Work scheduling:.....			Job Rotation		Training	
Other Administrative Controls:						
Personal Protective Equipment						
Respirator						
Mandatory for:		Shift/Duration work		Maintenance		Emergency
Respirator Type:		Dust Mask		Half Face		Full Face
						Air Supplied
Respirator Details:						
Protective Clothing						
Mandatory for:		Shift/Duration work		Maintenance		Emergency
Clothing Type:		Overalls		Cotton		Disposable
		Gum Boots		Trousers		Hat/ Cap
						Safety Boots
						Chemical Suit
						Apron
						Long Sleeved Shirt
Gloves						
Mandatory for:		Shift/Duration work		Maintenance		Emergency
Glove Type:		Short		Long		
Glove Details:						
Glasses						
Mandatory for:		Shift/Duration work		Maintenance		Emergency
Glasses Type:		Safety Glasses		Side Shields		
		Goggles		Full Face Shield		
Other Personal Protective Equipment Controls						
Other risk control measures not detailed above.						

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Conclusions About Risks	Further Actions
Not Significant Risk Significant, NOT controlled Risk Significant, but controlled Uncertain	No further action required Expert Help Further Controls required Training required Ongoing Monitoring Health Surveillance Emergency Procedure

Approval		
<i>Chemical is approved / not approved for use. All required actions have been taken.</i>		
Name:	Position:	Signature:
		Date: