

Risk Assessment

Reaction Number:

Date:

						Chemical hazards and routes of exposure										
Compound	FW	d	Quantity	mmols	equiv	Exposure route: 1 Inhalation; 2 Skin / eyes; 3 Swallowing	Carcinogen, teratogen, mutagen	Very toxic / toxic	Harmful/irritant	Explosive	Pyrophoric	Highly flammable / flammable	Oxidising	Corrosive	Lachrymator	Other (specify):
Repeat experiment (this book only) No / Yes (previous assessment on page: _____)																
New experiment risk category (tick one):						A (very high)	B (high)	C (medium)	D (low)							
Standard protocols (tick appropriate box):						Hydrogenation	Pyrophorics	Diazomethane	Peroxides							
<i>The appropriate manual must be read and sheet signed prior to commencing the experiment</i>						Liquid ammonia	UV light	Ozone	HF							
Reaction conditions and associated processes (heat, cooling, pressure, vacuum etc) and hazards:																
Control Measures (tick boxes)																
Safety glasses MANDATORY			Lab coat MANDATORY			Fume hood			Scrubbing system (type)							
Full face shield			Safety screen			Gloves: Marigold Heavy duty		Nitrile Other (type)		PCV						
Are specific emergency procedures necessary for this process? Yes / No If Yes, give details:																
Reaction and/or reagent quench: (quench type and possible hazard)																
Waste disposal: Chlorinated waste Hydrocarbon waste Silica waste Other (specify): (circle as appropriate)																
Worker Signature:								Signature of Responsible Person:								
Date:								Date:								