Hazardous substance risk assessment form



HAZARDOUS SUBSTANCE RISK ASSESSMENT FORM This document fulfils the requirements of the COSHH and DSEAR Regulations relating to a written risk assessment When completing form, refer to Guidance Notes Experiment / Procedure / Process / Activity / Demonstration (include a brief description): | | Frequency (hourly, daily, weekly, monthly or 'one-off'): | | Hazardous substances to be used (List ALL substances including solvents, expected products and by-products): | | Can any of the substances be substituted with a less hazardous substance or form of the substance?

YES /	NO		lf	yes,	you	must	do	S0,	or	justify	/ not	usir	ng	it.
														I
Substa	nce	Ap	prox.	Phys	sical I	Form	Haz	ards	11	Risk I	Phrase	s / (GHS	5
Exposu	re Ro	ute((s)		antity	/ gas	, liqu	uid,	Tox	cic, flar	mmabl	e, \	WEI	L
Hazard	State	eme	nts	inha	lation	, inges	stion,	11	П	solid,	dust	corr	osiv	/e,
irritant,	, Wo	ork	(see	guid	ance	note	inje	ction,	, ab	sorptio	n	11	eas	ily
absorb	ed Pl	ace	list	s)	t	hrough	skin	etc	Exp	11111		mit		П
			1111	1111	Ш	11111	1111	111		11111		ich ar	e t	he
signific	ant					chen	nical					haz	zarc	s?
											l	1	Ris	sks

associated with the procedure: (non-chemical risks may require an additional risk assessment) | | Note: DSEAR risk considerations include: | | Is there any substance used or formed that might give rise to a fire or explosion (e. g. reactive intermediates)? y/n | | If yes, how will you ensure that no fire or explosion occurs (inc. the consideration of eliminating ignition sources): | | Is it reasonably foreseeable that the lower explosive limit will be reached in the event of a leak / spillage? /n | | If yes, a more detailed risk assessment is

required under the Dangerous Substances Explosive Atmospheres
Regulations. Are any of the substances a Category 1 or 2 carcinogen, a
mutagen, a substance toxic to y/n reproduction, a respiratory sensitizer o
a skin sensitizer? (Risk Phrases: R42, R43, R45, R46, R49, R60, R61, R64 o
Hazard Statements: H334, H317, H350, H340, H350i, H360f, H360d, H362)
Work with these compounds must be carried out in a fume cupboard where
reasonably practicable. A health record must be completed. Contro
Measures: Containment: Personal Protective Equipment: Fume
cupboard Lab coat / overalls Glove box / isolator Gloves
Safety cabinet Glove type: Local exhaus
ventilation Eye Protection (i. e. afety glasses, goggles, face
shield)
requirements (specify): Respiratory protective equipment
(RPE) * Other control measure (specify): RPE
type: * Under COSHF
type: * Under COSHHall RPE requires face-fit testing Is health surveillance required? /n
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NB:	The mixin	g of incom	npatible	wastes	can	introduce	e significant
additional	hazards, coı	nsult literat	ure and	MSDSs		mergency	Procedures
(emphasise	e any specia	l hazards):	Fire l	Extingui	sher:	CO2 E	Ory Powder
L2 D-meta	al Spillag	ge/Uncontro	lled Rel	ease: S	Spill K	it Evacı	uate Area
Wash	Down	Area	I	l I		Other	(specify):
	What	could happ	en if th	ere was	cata	strophic fa	ailure of the
apparatus?						In t	the event of
an	accident,	who		might		be	exposed?
							Emergency
Treatment	in Case of C	ontaminatio	on or Ex	posure:		posure/Co	ntamination
– standard	procedures	(special p	rocedur	es MUS	T be	detailed b	oelow) Read
and Under	stood Mo	uth, Eyes,	Skin Exp	oosure -	· flush	area of o	contact with
plenty of w	ater, contac	t a First Ai	der; Lun	ıgs – rer	nove	to fresh a	ir, contact a
First Aider.	If swallo	wed – con	tact a F	irst Aide	er, ge	t details o	of substance
ingested a	nd seek med	lical attenti	on imm	ediately	. If	casualty	unconscious
– contact a	First Aider i	mmediately	/ and ca	ll an am	bulan	ice. Oth	er (specify):