

Chemical Waste Log – Sector: 8id

Name (Waste Generator) Mary Q. Public	Phone # (Waste Generator) 630-555-1234	Accumulation START Date 08/13/2018	
E-mail (Waste Generator) mqp@user.com	Principal Investigator John Q. Public	Experiment ID / GUP# (from ESAF) 987654	12345
Process Knowledge: Description of how waste was generated: (Please check all that apply)			
<input checked="" type="checkbox"/> Waste is discarded sample material.		<input checked="" type="checkbox"/> Waste was used to prepare sample material or its holders.	
<input type="checkbox"/> Waste is a discarded PURE reagent grade chemical.		<input type="checkbox"/> Contains potential peroxide formers. (attach WMDS-0333)	
<input type="checkbox"/> Other:			

Container Description/location/ID: (size, glass, poly, etc. - ONE form per container) 2L poly bottle in 432 D030 SWAA cabinet under fume hood, labeled MQP#1... OR... 1 gal. ziplok bag in fume hood. MP-1	Physical Form <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Solid	For Liquids pH= 6.5	Do contents include nanomaterials? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
		Flash Point <= 140° F	
		Flash Point >= 140° F	

Constituents: Provide Complete Chemical Name (Not just formulas) and SDS CAS No. for each chemical.		% or % Range
MSDS CAS#: 67-56-1	Methanol	75
MSDS CAS#: 67-64-1	Acetone (C3H6O)	10
MSDS CAS#:	Water	10
MSDS CAS#: 63148-62-9	Silicon Oil	3-4
MSDS CAS#: 7681-11-0	Potassium Iodide	2-3
MSDS CAS#: 7440-57-5	Gold nanoparticles	< 1
MSDS CAS#:		
MSDS CAS#:	OR...	
MSDS CAS#:	Solid waste - wipes, gloves, swabs, vials, plastic non-sharp syringes, pipette tips in poly bottle, foil, tubing... 1.4 lbs. with trace amounts of the following:	100
MSDS CAS#:	Gold nanoparticles, CAS 7440-57-5 Silicon oil, CAS 63148-62-9	< 1 < 1
MSDS CAS#: 7681-11-0	Potassium iodide	< 1
Total material = (volume or weight)	1.5L	Total ~ 100%
(Use a 2nd logsheet or double up on each line for more constituents...)		
RCRA (F-K-P-U) Listed or Characteristic Hazardous Waste?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Corrosive <input type="checkbox"/> Toxic <input checked="" type="checkbox"/>
	Flammable <input checked="" type="checkbox"/> Oxidizer <input type="checkbox"/>	Reactive <input type="checkbox"/> Other: nanomaterial

- Waste container must be properly labeled with your name, date, contents, and hazards.
- Please send completed forms & SDS and direct any questions to your Beamline Safety Officer.
- The 8id Beamline Safety Officer is: Ray Ziegler, rziegler@anl.gov