

Life Sciences Waste Streams – 2021/2022

Laboratory wastes - Liquid

Aqueous (non-hazardous)
Aqueous (hazardous)
Suspensions/emulsions (non-hazardous)
Suspension/emulsions (hazardous)
Polar organic (non-chlorinated)
Non-polar organic (non-chlorinated)
Chlorinated organic
Biological – pre-treated
Genetically modified – pre-treated
Biosecurity sensitive waste – (aquaria/environmental)

Laboratory wastes - Solid

Municipal/Domestic
Compostable – plant, non-GM
Biological – Low hazard/HG1
Biological – Increased hazard/HG2
Genetically modified – Low Hazard/AC1
Genetically modified – Increased hazard/AC2
Chemically contaminated – Non-hazardous/Low hazard
Chemically contaminated – Hazardous
Chemically contaminated – Heavy metals
Chemical – redundant/expired stocks 'Lab Smalls' [***49 packing groups – see attached]
Glass (broken/intact) – uncontaminated
Glass (broken/intact) – contaminated

Laboratory wastes – Gas/fumes/vapours

Gaseous (non-hazardous)
Gaseous (hazardous)

Laboratory wastes - Other

Sharps (y/y) – potentially infectious
Sharps (y/y) – non-infectious
Sharps (y/o) – contaminated with medicines
Sharps (y/p) – contaminated with cytotoxics
Sharps (y/r, r) – anatomical/tissue
Clinical waste (y) – potentially infectious
Clinical waste (y/bk, y) – offensive 'Tiger waste'
Clinical waste (o) – potentially infectious for alternative treatment
Radioisotope waste – solid (alpha emitting)
Radioisotope waste – solid (beta, gamma, EC emitting)
Radioisotope waste – sealed radioisotope sources
Radioisotope waste – gaseous
Radioisotope waste – liquid (aqueous)
Radioisotope waste – liquid (organic/scintillant)
Compressed gas cylinders [3 packing groups – see attached]
WEEE waste

*** accepted chemical waste packaging groups (as of 2020)

<u>PACKING INSTRUCTIONS</u>				
CODE	DESCRIPTION	ROUTE	UN No.	HAZARD CODE
A	SOLVENTS (incl. Vials in small quantities)	BULKING	1992	H3,4,5,6,7,14
A1	SOLVENT VIALS/SMALL <25ML (large quantities)	REPACK	1992	H3,4,5,6,7,14
B	INORGANIC ACIDIC LIQUIDS - NOT CONCENTRATED	BULKING	3264	H8
C	INORGANIC ALKALI LIQUIDS	BULKING	3266	H8
D	INORGANIC TOXIC, CORROSIVE SOLIDS	REPACK	3290	H4,5,6,7,8,14
E	ORGANIC TOXIC, CORROSIVE SOLIDS (incl. Pesticides,POM's, etc)	REPACK	2928	H4,5,6,7,8,14
F	MERCURY/RELATED ITEMS	REPACK	2809	H8
G	PROBLEM ITEMS (iodine solvents, conc. Acids, stench etc.)	REPACK	VARIOUS	VARIOUS
H1	AEROSOLS	REPACK	1950	H3
H2	FOAM AEROSOLS	REPACK	1950	H3,4
I	AMMONIA SOLUTION	BULKING	2672	H8
K	ORGANIC ACIDS	REPACK	2920	H3,8
L	ORGANIC ALKALIS	REPACK	2920	H3,8
N	INORGANIC CYANIDES	REPACK	1935	H6,12
P	OXIDISING CORROSIVE SOLIDS	REPACK	3085	H2,4,5,8
R	OXIDISING CORROSIVE LIQUIDS	REPACK	3098	H2,4,5,8
RB	OXIDISING CORROSIVE LIQUIDS	BULKING	3098	H2,4,5,8
T	INORGANIC ALKALI SOLIDS	REPACK	3262	H8
X	MINERAL OILS	BULKING	L/H	H4,7,14
Y	HYPOCHLORITE SOLUTION	BULKING	1791	H8,12
Z	PAINT/INKS IN TINS	REPACK	1263	H3
AA	LOW HAZ DRY CELL BATTERIES	REPACK	L/H	H4,14
AB2	NI-CAD BATTERIES WET	REPACK	2795	H8
AD	LEAD ACID BATTERIES	REPACK	2794	H8
AF	LITHIUM BATTERIES	REPACK	3090	H4,14
AI	WATER REACTIVE METALLIC SUBSTANCES	REPACK	2813	H3
AJ	INORGANIC FLAMMABLE SOLIDS	REPACK	3178	H3
AK	ORGANIC FLAMMABLE SOLIDS	REPACK	1325	H3
AM	PICRIC ACID	REPACK	1344	H3,6
AN	ORGANOMETALLIC, PYROPHORIC, WATER-REACTIVE	REPACK	3394	H3
AP	SODIUM DITHIONITE	REPACK	1384	H3
AR	INORGANIC PEROXIDES	REPACK	1483	H2
AS	LIQUID ORGANIC PEROXIDES	REPACK	3105	H2
AT	SOLID ORGANIC PEROXIDES	REPACK	3106	H2
AU	COD VIALS	REPACK	2922	H6,8
AV	PHOSPHORUS - WHITE/YELLOW	REPACK	1381	H3
AW	NITRIC ACID	REPACK	2031	H2,8
AZ	HYDROFLUORIC ACID	REPACK	1790	H6,8
BA	COMPRESSED GAS, FLAMMABLE (small cartridges, lecture bottles etc.)		1954	H3
BB	COMPRESSED GAS (small cartridges, lecture bottles, etc.)		1956	
BC	COMPRESSED GAS,TOXIC (small cartridges, lecture bottles, etc.)		1955	H6
BH	SOLID PESTICIDES	REPACK	2588	H4,5,6,7,14
BI	RESINS/ADHESIVES (INCLUDING ISOCYANATES)	REPACK	VARIOUS	VARIOUS
BJ	EMPTY CONTAINERS		L/H	H3,4,5,6,7,8,14
BK	AMMONIUM POLYSULPHIDE	REPACK	2818	H6,8,12
BM	MEDICINES	REPACK	3249	H4,5,6
BMC	CONTROLLED DRUGS	REPACK	3249	H6
BP	WATER-BASED PAINTS	REPACK	N/H	N/H
BR	ASBESTOS	REPACK	2590	H6,14
BT	DICHLOROISOCYANURATES	REPACK	2465	H2,12