

Other waste O-Waste, K-Waste, Z-Waste	
1	Chemicals containing reactive substances (O-waste)
2	Chemicals containing mercury (K-waste)
3	Chemicals in original packing (cleanup)
4	Pharmaceuticals and toxins
5	Acetic acid or mixtures of acetic acid > 10 %
6	Formalin or mixtures with formalin > 25 %
7	Paraformaldehyde (solid)
8	Formic acid or mixtures of formic acid > 5 %
9	Formic acid or mixtures of formic acid > 5 %
10	Waste you are unsure about

11 Imidazole

**Not sure, contact the waste responsible person in your
department.**

C1
H1

C1 or H1 waste
C1-Mixtures with some of the substances mentioned below, with a concentration > 50%
 or
H1-Mixtures with some of the following substances, with a concentration < 50%

1	Acetone	21	Isopentene
2	Acetonitrile	22	Isopropanol
3	Anisole	23	Methanol
4	Gasoline	24	2-Methoxy ethyl acetate
5	Benzene	25	Monoethyle glycol (antifreeze)
6	Buthanol	26	Formic acid < 5 %
7	Dimethylformamide	27	Paraformaldehyde solutions
8	Dioxane	28	Pentanes
9	Acetic Acid < 10 %	29	Phenol
10	Ethanol	30	Poly methyl methacrylate
11	Ethers	31	Propanol (n)
12	Ethyl acetate	32	Terpentine min.
13	Formaldehyde < 25 %	33	Terpentine veg.
14	Formamide solutions	34	Tetrahydrofuran (THF)
15	Glutaraldehyde < 10 %	35	Toluene
16	Heptane	36	Liquid counter with trimethylbenzene
17	Hexane	37	Turn liquid
18	Isoamyl alcohol	38	Aqueous emulsions
19	Isobuthanol	39	Xylene
20	Isopentane	40	Natriumazide

41	Different dyes:	42	Other solutions:
o	Coomassie Blue	o	Bradford reagent
o	Safranin	o	Methanol/D11/Isopropanol
o	Methyl violet	o	Guanidiniumchloride
o	Crystal violet	o	Lysis buffer
o	Methylene blue	o	TBE-Buffer
o	Flouochrome	o	XyloI/Silane
o	Carbol fuchsin	o	Rnase
o	DAPI-dye	o	Primer in glycerol
o	Picric acid in ethanol (NO visible crystals!)		

43	Different solutions, with hazard pictograms, from different Kits:
o	Pico green®
o	RapID™ ONE System (Thermo Scientific™ Remel™)
o	RapID™ STR System (Thermo Scientific™ Remel™)
o	Substrate Reagent Pack (R&D Systems)
o	PureYield™ Plasmid Midiprep System (Promega)
o	Maxwell® Blood DNA kit (Promega)
o	Maxwell® Simply RNA tissue kit (Promega)
o	Maxwell® Total RNA Purification kit (Promega)
o	NucleoBond® Xtra Maxi (Macherey-Nagel)
o	Maxwell® 16 Nucleic Acid and Protein Purification kit (Macherey-Nagel)
o	GeneJET Plasmid Midiprep Kit (Thermo Scientific™)
o	Dual-Glo® Luciferase Assay System (Promega)
o	EpiTect Bisulfite Kits (Qiagen)
o	GFX Purification kit (GE Healthcare)
o	SilverQuest™ Silver Staining Kit (Life Technologies)

H2

**Mixtures with some of the following substances must be marked
Solid waste H 2**

1	Gels	Agarose-, acrylamide- and SDS-gels.
2	ELISA plates	ELISA plates
3	Strips and FACS tubes	Strips and FACS tubes containing small amounts of chemicals
4	Eppendorf tubes with:	small amounts of chemical liquids
5	Centrifuge tubes with:	small amounts of chemical liquids (max. 25 ml)
6	Napkins with:	small amounts of chemicals
7	Gloves with:	small amounts of chemicals
8	Pipette tips with:	small amounts of chemicals

Musk NOT contain biological and infectious substances, this belong in Clinical Waste!

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H3

**Mixtures with some of the following substances must be marked
"Waste H 3"**

1	Counting vials containing:	Counting Liquid with activity <0.1 MBq / L of radionuclide Group 3 and 4
2	HPLC vials containing:	Organic solvents
3	Other small containers containing:	Organic solvents

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H4

**Mixtures with some of the following substances must be marked
"Waste H 4"**

1	Photographic developer
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B1

Mixtures with some of the following substances must be marked "Waste B1"

1	Bromoform
2	Chloroform
3	Chloroform/Phenol
4	Dichlormethane
5	DMSO
6	Ethidiumbromid (must be collected as chemical waste until 1 w/w %)
7	Lugol's solution (5% iodine in glacial acetic acid)
8	Mercaptoethanol
9	Trichlorethylen (trichlorethen)
10	Trizol

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B2

Mixtures with some of the following substances must be marked "Waste B 2"

1	1,1 Dichlorethane
2	1,2 Dichlorethane
3	Chemicals where "Waste B 1" is mixed with flammable liquids

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B3

**Mixtures with some of the following substances
must be marked "Waste B 3"**

1	TCA	Trichloroacetic acid
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B4

Mixtures with some of the following substances must be marked "Waste B 4"

1	Photographic fixer containing > 3% sulfur
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B5

Mixtures with some of the following substances must be marked "Waste B 5"

1	Iodine - Potassium iodide solution
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B6

Mixtures with some of the following substances must be marked "Waste B 6"	
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1	PMSF (Phenylmethylsulfonylfluoride) solutions (100 - 33%)
2	PMSF (Phenylmethylsulfonylfluoride) solutions (< 33%) - B3 waste

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X1

Mixtures with some of the following substances must be marked "Waste X1"

1	Phosphoric acid > 25 %
2	Hydrochloric acid > 25 %
3	Sulfuric acid > 15 % and < 95 %

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X2

**Mixtures with some of the following substances must be marked
"Waste X 2"**

Nitric acid < 65 %

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X3

Mixtures with some of the following substances must be marked "Waste X 3"

1	Ammonia 10 - 35 %
2	Hypochlorite solution
3	Sodium hydroxide > 2 %
4	Potassium hydroxide > 2 %

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X4

**Mixtures with some of the following substances
must be marked "Waste firm X 4"**

1	Chrome sulfuric acid
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X5

Mixtures with some of the following substances must be marked "Waste X5"	
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1	Potassium cyanide solutions $< 100 \geq 10 \%$
2	Potassium cyanide solutions $< 10 \geq 2,5\%$
3	Potassium cyanide solutions $< 2,5 \geq 0,5\%$

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X6

Mixtures with some of the following substances must be marked "Waste X6"

1	Silvernitate solutions must be collected until 2,5 w/w %
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