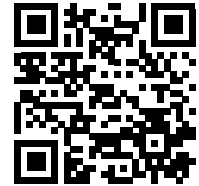


Waste Classification Report

HazWasteOnline™ classifies waste as either **hazardous** or **non-hazardous** based on its chemical composition, related legislation and the rules and data defined in the current UK or EU technical guidance (Appendix C) (note that HP 9 Infectious is not assessed). It is the responsibility of the classifier named below to:

- a) understand the origin of the waste
- b) select the correct List of Waste code(s)
- c) confirm that the list of determinands, results and sampling plan are fit for purpose
- d) select and justify the chosen metal species (Appendix B)
- e) correctly apply moisture correction and other available corrections
- f) add the meta data for their user-defined substances (Appendix A)
- g) check that the classification engine is suitable with respect to the national destination of the waste (Appendix C)



56JA4-U3DVQ-707K6

To aid the reviewer, the laboratory results, assumptions and justifications managed by the classifier are highlighted in pale yellow.

Report is invalid if pages are removed.

Job name

25-46250

Description/Comments

Project

Standard Aero

Site

Vector Aerospace International Ltd

Classified by

Name: **Daniel Dockree**
Date: **24 Jan 2025 15:07 GMT**
Telephone: **01329 287777**
Company: **Envirochem Analytical Laboratories Ltd**
12 The Gardens, Broadcut
Fareham
PO16 8SS

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification: **CERTIFIED**
Course **Date**
Hazardous Waste Classification 06 Apr 2023

Next 3 year Refresher due by Apr 2026

Purpose of classification

7 - Disposal of Waste

Address of the waste

Vector Aerospace International Limited, Building 97 Fareham Road Gosport, Hampshire **Post Code** PO13 0AA

SIC for the process giving rise to the waste

33160 Repair and maintenance of aircraft and spacecraft

Description of industry/producer giving rise to the waste

Aircraft engine repair & overhaul

Description of the specific process, sub-process and/or activity that created the waste

Water rinsing from cleaning bay tanks

Description of the waste

Water

Job summary

#	Sample name	Classification Result	Hazard properties	Page
1	SP10	Non Hazardous		3
2	SP11	Non Hazardous		6
3	SP15	Hazardous	HP 8	9
4	SP16	Non Hazardous		12
5	SP17	Non Hazardous		15
6	SP18	Non Hazardous		18
7	SP19	Non Hazardous		21
8	SP20	Non Hazardous		24
9	SP21	Non Hazardous		27

Related documents

#	Name	Description
1	Aqueous Rinsings	waste stream template used to create this Job

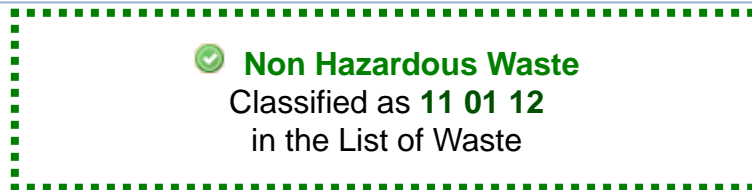
Report

Created by: Daniel Dockree

Created date: 24 Jan 2025 15:07 GMT

Appendices	Page
Appendix A: Classifier defined and non GB MCL determinands	30
Appendix B: Rationale for selection of metal species	31
Appendix C: Version	32

Classification of sample: SP10



Sample details

Sample name: SP10	LoW Code: Chapter:	11: Wastes from Chemical Surface Treatment and Coating of Metals and other Materials; Non-Ferrous Hydro-Metallurgy
	Entry:	11 01 12 (aqueous rinsing liquids other than those mentioned in 11 01 11)

Hazard properties


None identified

Determinands

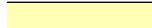



Density of the liquid: 1 g/cm³

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				7.59	pH		7.59	pH	7.59 pH		
2	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4	<0.01	mg/l	1.197	<0.012	mg/kg	<0.0000012 %		<LOD
3	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1			<0.02	mg/l	1.895	<0.0379	mg/kg	<0.00000379 %		<LOD
4	barium { barium oxide }		215-127-9	1304-28-5	<0.01	mg/l	1.117	<0.0112	mg/kg	<0.00000112 %		<LOD
5	boron { boron tribromide }	005-003-00-0	233-657-9	10294-33-4	<0.1	mg/l	23.173	<2.317	mg/kg	<0.000232 %		<LOD
6	cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4	<0.003	mg/l	1.855	<0.0055	mg/kg	<0.000000556 %		<LOD
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	<0.01	mg/l	1.462	<0.0146	mg/kg	<0.00000146 %		<LOD
8	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }		024-017-00-8		<0.1	mg/l	2.27	<0.227	mg/kg	<0.0000227 %		<LOD
9	cobalt { cobalt dinitrate }	027-009-00-2	233-402-1	10141-05-6	1	<0.02	mg/l	3.104	<0.0621	mg/kg	<0.000002 %	<LOD
10	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8		<0.02	mg/l	3.929	<0.0786	mg/kg	<0.00000786 %	<LOD
11	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	<0.02	mg/l	1.56	<0.0312	mg/kg	<0.000002 %	<LOD
12	manganese { manganese sulphate }	025-003-00-4	232-089-9	7785-87-7		0.03	mg/l	2.749	0.0825	mg/kg	0.00000825 %	
13	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	<0.005	mg/l		<0.005	mg/kg	<0.0000005 %	<LOD
14	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<0.02	mg/l	1.5	<0.03	mg/kg	<0.000003 %	<LOD
15	nickel { nickel diiodide }	028-029-00-4	236-666-6	13462-90-3		<0.02	mg/l	5.324	<0.106	mg/kg	<0.0000106 %	<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	selenium { nickel selenate }				<0.01 mg/l	2.554	<0.0255 mg/kg	<0.00000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
17	thallium { thallium compounds, with the exception of those specified elsewhere in this Annex }				<0.02 mg/l	1.284	<0.0257 mg/kg	<0.00000257 %		<LOD
	081-002-00-9									
18	vanadium { divanadium pentaoxide; vanadium pentoxide }				<0.01 mg/l	1.785	<0.0179 mg/kg	<0.00000179 %		<LOD
	023-001-00-8	215-239-8	1314-62-1							
19	zinc { zinc chromate }				0.11 mg/l	2.774	0.305 mg/kg	0.0000305 %		
	024-007-00-3	236-878-9	13530-65-9							
20	naphthalene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
21	acenaphthylene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		205-917-1	208-96-8							
22	acenaphthene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		201-469-6	83-32-9							
23	fluorene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
24	phenanthrene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		201-581-5	85-01-8							
25	anthracene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		204-371-1	120-12-7							
26	fluoranthene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		205-912-4	206-44-0							
27	pyrene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		204-927-3	129-00-0							
28	benz[a]anthracene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
29	chrysene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
30	benzo[b]fluoranthene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
31	benzo[k]fluoranthene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
32	benzo[a]pyrene; benzo[def]chrysene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
33	indeno[123-cd]pyrene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		205-893-2	193-39-5							
34	dibenz[a,h]anthracene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
35	benzo[ghi]perylene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		205-883-8	191-24-2							
36	TPH (C6 to C40) petroleum group				0.11 mg/l		0.11 mg/kg	0.000011 %		
			TPH							
37	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
38	benzene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
39	ethylbenzene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
40	xylene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
41	toluene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
42	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
43	cyanides {  salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.05 mg/l	1.884	<0.0942 mg/kg	<0.00000942 %		<LOD
	006-007-00-5									
44	phenol				<0.5 mg/l		<0.5 mg/kg	<0.00005 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.00042 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 1000 mg/l (0.1%) because: TPH chromatogram clearly shows that TPH present is not from petrol or diesel. TPHs present are from heavier fractions and no free-flowing oils are present in the sample. HP 3 flammable does not apply here. Threshold increased to 1000mg/L to account for HP 7 and HP 11

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00001%)

Classification of sample: SP11

Non Hazardous Waste
Classified as **11 01 12**
in the List of Waste

Sample details

Sample name: SP11	LoW Code: Chapter: Entry:	11: Wastes from Chemical Surface Treatment and Coating of Metals and other Materials; Non-Ferrous Hydro-Metallurgy 11 01 12 (aqueous rinsing liquids other than those mentioned in 11 01 11)
-----------------------------	---------------------------------	---

Hazard properties

None identified

Determinands


Density of the liquid: 1 g/cm³

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				7.19	pH		7.19	pH	7.19 pH		
2	antimony { antimony trioxide }				<0.01	mg/l	1.197	<0.012	mg/kg	<0.0000012 %		<LOD
3	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				<0.02	mg/l	1.895	<0.0379	mg/kg	<0.00000379 %		<LOD
4	barium { barium oxide }				<0.01	mg/l	1.117	<0.0112	mg/kg	<0.00000112 %		<LOD
5	boron { boron tribromide }				<0.1	mg/l	23.173	<2.317	mg/kg	<0.000232 %		<LOD
6	cadmium { cadmium sulfate }				<0.003	mg/l	1.855	<0.0055	mg/kg	<0.00000556 %		<LOD
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				<0.01	mg/l	1.462	<0.0146	mg/kg	<0.00000146 %		<LOD
8	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.1	mg/l	2.27	<0.227	mg/kg	<0.0000227 %		<LOD
9	cobalt { cobalt dinitrate }			1	<0.02	mg/l	3.104	<0.0621	mg/kg	<0.000002 %		<LOD
10	copper { copper sulphate pentahydrate }				<0.02	mg/l	3.929	<0.0786	mg/kg	<0.00000786 %		<LOD
11	lead { lead chromate }			1	<0.02	mg/l	1.56	<0.0312	mg/kg	<0.000002 %		<LOD
12	manganese { manganese sulphate }				<0.02	mg/l	2.749	<0.055	mg/kg	<0.0000055 %		<LOD
13	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }			1	<0.005	mg/l		<0.005	mg/kg	<0.0000005 %		<LOD
14	molybdenum { molybdenum(VI) oxide }				<0.02	mg/l	1.5	<0.03	mg/kg	<0.000003 %		<LOD
15	nickel { nickel diiodide }				<0.02	mg/l	5.324	<0.106	mg/kg	<0.0000106 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	selenium { nickel selenate }				<0.01 mg/l	2.554	<0.0255 mg/kg	<0.00000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
17	thallium { thallium compounds, with the exception of those specified elsewhere in this Annex }				<0.02 mg/l	1.284	<0.0257 mg/kg	<0.00000257 %		<LOD
	081-002-00-9									
18	vanadium { divanadium pentaoxide; vanadium pentoxide }				<0.01 mg/l	1.785	<0.0179 mg/kg	<0.00000179 %		<LOD
	023-001-00-8	215-239-8	1314-62-1							
19	zinc { zinc chromate }				<0.1 mg/l	2.774	<0.277 mg/kg	<0.0000277 %		<LOD
	024-007-00-3	236-878-9	13530-65-9							
20	naphthalene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
21	acenaphthylene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		205-917-1	208-96-8							
22	acenaphthene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		201-469-6	83-32-9							
23	fluorene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
24	phenanthrene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		201-581-5	85-01-8							
25	anthracene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		204-371-1	120-12-7							
26	fluoranthene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		205-912-4	206-44-0							
27	pyrene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		204-927-3	129-00-0							
28	benzo[a]anthracene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
29	chrysene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
30	benzo[b]fluoranthene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
31	benzo[k]fluoranthene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
32	benzo[a]pyrene; benzo[def]chrysene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
33	indeno[123-cd]pyrene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		205-893-2	193-39-5							
34	dibenz[a,h]anthracene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
35	benzo[ghi]perylene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		205-883-8	191-24-2							
36	TPH (C6 to C40) petroleum group				0.77 mg/l		0.77 mg/kg	0.000077 %		
			TPH							
37	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
38	benzene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
39	ethylbenzene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
40	xylene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
41	toluene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
42	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
43	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.05 mg/l	1.884	<0.0942 mg/kg	<0.00000942 %		<LOD
	006-007-00-5									
44	phenol				<0.5 mg/l		<0.5 mg/kg	<0.00005 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.00048 %		

Key

 	User supplied data
 	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 1000 mg/l (0.1%) because: TPH chromatogram clearly shows that TPH present is not from petrol or diesel. TPHs present are from heavier fractions and no free-flowing oils are present in the sample. HP 3 flammable does not apply here. Threshold increased to 1000mg/L to account for HP 7 and HP 11

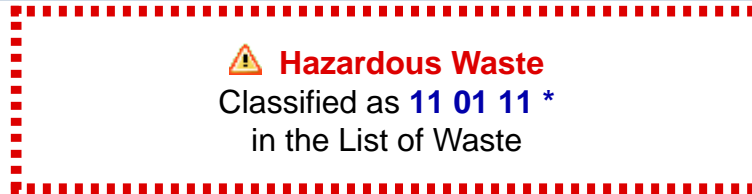
Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00007%)

Classification of sample: SP15



Sample details

Sample name: SP15	LoW Code: Chapter:	11: Wastes from Chemical Surface Treatment and Coating of Metals and other Materials; Non-Ferrous Hydro-Metallurgy
	Entry:	11 01 11 * (aqueous rinsing liquids containing hazardous substances)

Hazard properties

HP 8: Corrosive "waste which on application can cause skin corrosion"

pH; pH "Assumed to be irritant/corrosive because of pH value"

Because of determinand:

pH (conc.: 13.1 pH)

Determinands

Density of the liquid: 1 g/cm³

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	pH				13.1 pH		13.1 pH	13.1 pH		
2	antimony { antimony trioxide }				0.278 mg/l	1.197	0.333 mg/kg	0.0000333 %		
3	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				<0.02 mg/l	1.895	<0.0379 mg/kg	<0.00000379 %		<LOD
4	barium { barium oxide }				0.026 mg/l	1.117	0.029 mg/kg	0.0000029 %		
5	boron { boron tribromide }				0.16 mg/l	23.173	3.708 mg/kg	0.000371 %		
6	cadmium { cadmium sulfate }				<0.003 mg/l	1.855	<0.0055 mg/kg	<0.00000556 %		<LOD
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				2.92 mg/l	1.462	4.268 mg/kg	0.000427 %		
8	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.1 mg/l	2.27	<0.227 mg/kg	<0.0000227 %		<LOD
9	cobalt { cobalt dinitrate }			1	<0.02 mg/l	3.104	<0.0621 mg/kg	<0.000002 %		<LOD
10	copper { copper sulphate pentahydrate }				0.025 mg/l	3.929	0.0982 mg/kg	0.00000982 %		
11	lead { lead chromate }			1	<0.02 mg/l	1.56	<0.0312 mg/kg	<0.000002 %		<LOD
12	manganese { manganese sulphate }				1.71 mg/l	2.749	4.7 mg/kg	0.00047 %		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
13	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex } 080-002-00-6			1	<0.005 mg/l		<0.005 mg/kg	<0.0000005 %		<LOD
14	molybdenum { molybdenum(VI) oxide } 042-001-00-9 215-204-7 1313-27-5				31.7 mg/l	1.5	47.556 mg/kg	0.00476 %		
15	nickel { nickel diiodide } 028-029-00-4 236-666-6 13462-90-3				0.091 mg/l	5.324	0.485 mg/kg	0.0000485 %		
16	selenium { nickel selenate } 028-031-00-5 239-125-2 15060-62-5				0.323 mg/l	2.554	0.825 mg/kg	0.0000825 %		
17	thallium { thallium compounds, with the exception of those specified elsewhere in this Annex } 081-002-00-9				<0.02 mg/l	1.284	<0.0257 mg/kg	<0.0000257 %		<LOD
18	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				0.059 mg/l	1.785	0.105 mg/kg	0.0000105 %		
19	zinc { zinc chromate } 024-007-00-3 236-878-9 13530-65-9				<0.1 mg/l	2.774	<0.277 mg/kg	<0.0000277 %		<LOD
20	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
21	acenaphthylene 205-917-1 208-96-8				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
22	acenaphthene 201-469-6 83-32-9				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
23	fluorene 201-695-5 86-73-7				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
24	phenanthrene 201-581-5 85-01-8				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
25	anthracene 204-371-1 120-12-7				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
26	fluoranthene 205-912-4 206-44-0				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
27	pyrene 204-927-3 129-00-0				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
28	benzo[a]anthracene 601-033-00-9 200-280-6 56-55-3				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
29	chrysene 601-048-00-0 205-923-4 218-01-9				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
30	benzo[b]fluoranthene 601-034-00-4 205-911-9 205-99-2				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
31	benzo[k]fluoranthene 601-036-00-5 205-916-6 207-08-9				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
32	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3 200-028-5 50-32-8				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
33	indeno[123-cd]pyrene 205-893-2 193-39-5				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
34	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
35	benzo[ghi]perylene 205-883-8 191-24-2				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
36	TPH (C6 to C40) petroleum group TPH				2.95 mg/l		2.95 mg/kg	0.000295 %		
37	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
38	benzene 601-020-00-8 200-753-7 71-43-2				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
39	ethylbenzene 601-023-00-4 202-849-4 100-41-4				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
40	xylene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1]	95-47-6 [1]							
		203-396-5 [2]	106-42-3 [2]							
		203-576-3 [3]	108-38-3 [3]							
		215-535-7 [4]	1330-20-7 [4]							
41	toluene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
42	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
43	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.05 mg/l	1.884	<0.0942 mg/kg	<0.00000942 %		<LOD
	006-007-00-5									
44	phenol				<0.5 mg/l		<0.5 mg/kg	<0.00005 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.00665 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 1000 mg/l (0.1%) because: TPH chromatogram clearly shows that TPH present is not from petrol or diesel. TPHs present are from heavier fractions and no free-flowing oils are present in the sample. HP 3 flammable does not apply here. Threshold increased to 1000mg/L to account for HP 7 and HP 11

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00029%)

Classification of sample: SP16

✔ **Non Hazardous Waste**
Classified as **11 01 12**
in the List of Waste

Sample details

Sample name: SP16	LoW Code: Chapter: Entry:	11: Wastes from Chemical Surface Treatment and Coating of Metals and other Materials; Non-Ferrous Hydro-Metallurgy 11 01 12 (aqueous rinsing liquids other than those mentioned in 11 01 11)
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Hazard properties


None identified

Determinands





Density of the liquid: 1 g/cm³

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH		PH		7.29	pH		7.29	pH	7.29 pH		
2	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4	<0.01	mg/l	1.197	<0.012	mg/kg	<0.0000012 %		<LOD
3	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1			<0.02	mg/l	1.895	<0.0379	mg/kg	<0.00000379 %		<LOD
4	barium { barium oxide }		215-127-9	1304-28-5	0.026	mg/l	1.117	0.029	mg/kg	0.0000029 %		
5	boron { boron tribromide }	005-003-00-0	233-657-9	10294-33-4	<0.1	mg/l	23.173	<2.317	mg/kg	<0.000232 %		<LOD
6	cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4	<0.003	mg/l	1.855	<0.0055	mg/kg	<0.00000556 %		<LOD
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	<0.01	mg/l	1.462	<0.0146	mg/kg	<0.00000146 %		<LOD
8	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8			<0.1	mg/l	2.27	<0.227	mg/kg	<0.0000227 %		<LOD
9	cobalt { cobalt dinitrate }	027-009-00-2	233-402-1	10141-05-6	1	<0.02	mg/l	3.104	<0.0621	mg/kg	<0.000002 %	<LOD
10	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8		<0.02	mg/l	3.929	<0.0786	mg/kg	<0.00000786 %	<LOD
11	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	<0.02	mg/l	1.56	<0.0312	mg/kg	<0.000002 %	<LOD
12	manganese { manganese sulphate }	025-003-00-4	232-089-9	7785-87-7		0.215	mg/l	2.749	0.591	mg/kg	0.0000591 %	
13	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	<0.005	mg/l		<0.005	mg/kg	<0.0000005 %	<LOD
14	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<0.02	mg/l	1.5	<0.03	mg/kg	<0.000003 %	<LOD
15	nickel { nickel diiodide }	028-029-00-4	236-666-6	13462-90-3		<0.02	mg/l	5.324	<0.106	mg/kg	<0.0000106 %	<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	selenium { nickel selenate }				<0.01 mg/l	2.554	<0.0255 mg/kg	<0.00000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
17	thallium { thallium compounds, with the exception of those specified elsewhere in this Annex }				<0.02 mg/l	1.284	<0.0257 mg/kg	<0.00000257 %		<LOD
	081-002-00-9									
18	vanadium { divanadium pentaoxide; vanadium pentoxide }				<0.01 mg/l	1.785	<0.0179 mg/kg	<0.00000179 %		<LOD
	023-001-00-8	215-239-8	1314-62-1							
19	zinc { zinc chromate }				<0.1 mg/l	2.774	<0.277 mg/kg	<0.0000277 %		<LOD
	024-007-00-3	236-878-9	13530-65-9							
20	naphthalene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
21	acenaphthylene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		205-917-1	208-96-8							
22	acenaphthene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		201-469-6	83-32-9							
23	fluorene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
24	phenanthrene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		201-581-5	85-01-8							
25	anthracene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		204-371-1	120-12-7							
26	fluoranthene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		205-912-4	206-44-0							
27	pyrene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		204-927-3	129-00-0							
28	benzo[a]anthracene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
29	chrysene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
30	benzo[b]fluoranthene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
31	benzo[k]fluoranthene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
32	benzo[a]pyrene; benzo[def]chrysene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
33	indeno[123-cd]pyrene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		205-893-2	193-39-5							
34	dibenz[a,h]anthracene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
35	benzo[ghi]perylene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		205-883-8	191-24-2							
36	TPH (C6 to C40) petroleum group				0.31 mg/l		0.31 mg/kg	0.000031 %		
			TPH							
37	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
38	benzene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
39	ethylbenzene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
40	xylene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
41	toluene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
42	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
43	cyanides {  salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.05 mg/l	1.884	<0.0942 mg/kg	<0.0000942 %		<LOD
	006-007-00-5									
44	phenol				<0.5 mg/l		<0.5 mg/kg	<0.00005 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.00049 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 1000 mg/l (0.1%) because: TPH chromatogram clearly shows that TPH present is not from petrol or diesel. TPHs present are from heavier fractions and no free-flowing oils are present in the sample. HP 3 flammable does not apply here. Threshold increased to 1000mg/L to account for HP 7 and HP 11

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00003%)

Classification of sample: SP17

✔ **Non Hazardous Waste**
Classified as **11 01 12**
in the List of Waste

Sample details

Sample name: SP17	LoW Code: Chapter: Entry:	11: Wastes from Chemical Surface Treatment and Coating of Metals and other Materials; Non-Ferrous Hydro-Metallurgy 11 01 12 (aqueous rinsing liquids other than those mentioned in 11 01 11)
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Hazard properties



None identified

Determinands





Density of the liquid: 1 g/cm³

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	pH				8.14 pH		8.14 pH	8.14 pH		
2	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4	<0.01 mg/l	1.197	<0.012 mg/kg	<0.0000012 %		<LOD
3	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1			<0.02 mg/l	1.895	<0.0379 mg/kg	<0.00000379 %		<LOD
4	barium { barium oxide }		215-127-9	1304-28-5	<0.01 mg/l	1.117	<0.0112 mg/kg	<0.00000112 %		<LOD
5	boron { boron tribromide }	005-003-00-0	233-657-9	10294-33-4	<0.1 mg/l	23.173	<2.317 mg/kg	<0.000232 %		<LOD
6	cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4	<0.003 mg/l	1.855	<0.0055 mg/kg	<0.000000556 %		<LOD
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	<0.01 mg/l	1.462	<0.0146 mg/kg	<0.00000146 %		<LOD
8	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }		024-017-00-8		<0.1 mg/l	2.27	<0.227 mg/kg	<0.0000227 %		<LOD
9	cobalt { cobalt dinitrate }	027-009-00-2	233-402-1	10141-05-6	<0.02 mg/l	3.104	<0.0621 mg/kg	<0.000002 %		<LOD
10	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8	<0.02 mg/l	3.929	<0.0786 mg/kg	<0.00000786 %		<LOD
11	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	<0.02 mg/l	1.56	<0.0312 mg/kg	<0.000002 %		<LOD
12	manganese { manganese sulphate }	025-003-00-4	232-089-9	7785-87-7	<0.02 mg/l	2.749	<0.055 mg/kg	<0.0000055 %		<LOD
13	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			<0.005 mg/l		<0.005 mg/kg	<0.0000005 %		<LOD
14	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5	<0.02 mg/l	1.5	<0.03 mg/kg	<0.000003 %		<LOD
15	nickel { nickel diiodide }	028-029-00-4	236-666-6	13462-90-3	<0.02 mg/l	5.324	<0.106 mg/kg	<0.0000106 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	selenium { nickel selenate }				<0.01 mg/l	2.554	<0.0255 mg/kg	<0.00000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
17	thallium { thallium compounds, with the exception of those specified elsewhere in this Annex }				<0.02 mg/l	1.284	<0.0257 mg/kg	<0.00000257 %		<LOD
	081-002-00-9									
18	vanadium { divanadium pentaoxide; vanadium pentoxide }				<0.01 mg/l	1.785	<0.0179 mg/kg	<0.00000179 %		<LOD
	023-001-00-8	215-239-8	1314-62-1							
19	zinc { zinc chromate }				<0.1 mg/l	2.774	<0.277 mg/kg	<0.0000277 %		<LOD
	024-007-00-3	236-878-9	13530-65-9							
20	naphthalene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
21	acenaphthylene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		205-917-1	208-96-8							
22	acenaphthene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		201-469-6	83-32-9							
23	fluorene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
24	phenanthrene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		201-581-5	85-01-8							
25	anthracene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		204-371-1	120-12-7							
26	fluoranthene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		205-912-4	206-44-0							
27	pyrene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		204-927-3	129-00-0							
28	benz[a]anthracene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
29	chrysene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
30	benzo[b]fluoranthene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
31	benzo[k]fluoranthene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
32	benzo[a]pyrene; benzo[def]chrysene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
33	indeno[123-cd]pyrene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		205-893-2	193-39-5							
34	dibenz[a,h]anthracene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
35	benzo[ghi]perylene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		205-883-8	191-24-2							
36	TPH (C6 to C40) petroleum group				<0.1 mg/l		<0.1 mg/kg	<0.00001 %		<LOD
			TPH							
37	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
38	benzene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
39	ethylbenzene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
40	xylene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
41	toluene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
42	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
43	 cyanides {  salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.05 mg/l	1.884	<0.0942 mg/kg	<0.00000942 %		<LOD
	006-007-00-5									
44	phenol				<0.5 mg/l		<0.5 mg/kg	<0.00005 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.00041 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: SP18

✔ **Non Hazardous Waste**
Classified as **11 01 12**
in the List of Waste

Sample details

Sample name: SP18	LoW Code: Chapter: Entry:	11: Wastes from Chemical Surface Treatment and Coating of Metals and other Materials; Non-Ferrous Hydro-Metallurgy 11 01 12 (aqueous rinsing liquids other than those mentioned in 11 01 11)
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Hazard properties

None identified

Determinands


Density of the liquid: 1 g/cm³

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				7.11	pH		7.11	pH	7.11 pH		
2	antimony { antimony trioxide }				<0.01	mg/l	1.197	<0.012	mg/kg	<0.0000012 %		<LOD
	051-005-00-X	215-175-0	1309-64-4									
3	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				<0.02	mg/l	1.895	<0.0379	mg/kg	<0.00000379 %		<LOD
	033-005-00-1											
4	barium { barium oxide }				<0.01	mg/l	1.117	<0.0112	mg/kg	<0.00000112 %		<LOD
		215-127-9	1304-28-5									
5	boron { boron tribromide }				<0.1	mg/l	23.173	<2.317	mg/kg	<0.000232 %		<LOD
	005-003-00-0	233-657-9	10294-33-4									
6	cadmium { cadmium sulfate }				<0.003	mg/l	1.855	<0.0055	mg/kg	<0.00000556 %		<LOD
	048-009-00-9	233-331-6	10124-36-4									
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				<0.01	mg/l	1.462	<0.0146	mg/kg	<0.00000146 %		<LOD
		215-160-9	1308-38-9									
8	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.1	mg/l	2.27	<0.227	mg/kg	<0.0000227 %		<LOD
	024-017-00-8											
9	cobalt { cobalt dinitrate }			1	<0.02	mg/l	3.104	<0.0621	mg/kg	<0.000002 %		<LOD
	027-009-00-2	233-402-1	10141-05-6									
10	copper { copper sulphate pentahydrate }				<0.02	mg/l	3.929	<0.0786	mg/kg	<0.00000786 %		<LOD
	029-023-00-4	231-847-6	7758-99-8									
11	lead { lead chromate }			1	<0.02	mg/l	1.56	<0.0312	mg/kg	<0.000002 %		<LOD
	082-004-00-2	231-846-0	7758-97-6									
12	manganese { manganese sulphate }				<0.02	mg/l	2.749	<0.055	mg/kg	<0.0000055 %		<LOD
	025-003-00-4	232-089-9	7785-87-7									
13	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }			1	<0.005	mg/l		<0.005	mg/kg	<0.0000005 %		<LOD
	080-002-00-6											
14	molybdenum { molybdenum(VI) oxide }				<0.02	mg/l	1.5	<0.03	mg/kg	<0.000003 %		<LOD
	042-001-00-9	215-204-7	1313-27-5									
15	nickel { nickel diiodide }				<0.02	mg/l	5.324	<0.106	mg/kg	<0.0000106 %		<LOD
	028-029-00-4	236-666-6	13462-90-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	selenium { nickel selenate }				<0.01 mg/l	2.554	<0.0255 mg/kg	<0.00000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
17	thallium { thallium compounds, with the exception of those specified elsewhere in this Annex }				<0.02 mg/l	1.284	<0.0257 mg/kg	<0.00000257 %		<LOD
	081-002-00-9									
18	vanadium { divanadium pentaoxide; vanadium pentoxide }				<0.01 mg/l	1.785	<0.0179 mg/kg	<0.00000179 %		<LOD
	023-001-00-8	215-239-8	1314-62-1							
19	zinc { zinc chromate }				<0.1 mg/l	2.774	<0.277 mg/kg	<0.0000277 %		<LOD
	024-007-00-3	236-878-9	13530-65-9							
20	naphthalene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
21	acenaphthylene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		205-917-1	208-96-8							
22	acenaphthene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		201-469-6	83-32-9							
23	fluorene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
24	phenanthrene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		201-581-5	85-01-8							
25	anthracene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		204-371-1	120-12-7							
26	fluoranthene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		205-912-4	206-44-0							
27	pyrene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		204-927-3	129-00-0							
28	benzo[a]anthracene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
29	chrysene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
30	benzo[b]fluoranthene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
31	benzo[k]fluoranthene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
32	benzo[a]pyrene; benzo[def]chrysene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
33	indeno[123-cd]pyrene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		205-893-2	193-39-5							
34	dibenz[a,h]anthracene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
35	benzo[ghi]perylene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		205-883-8	191-24-2							
36	TPH (C6 to C40) petroleum group				0.18 mg/l		0.18 mg/kg	0.000018 %		
			TPH							
37	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
38	benzene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
39	ethylbenzene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
40	xylene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
41	toluene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
42	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
43	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.05 mg/l	1.884	<0.0942 mg/kg	<0.00000942 %		<LOD
	006-007-00-5									
44	phenol				<0.5 mg/l		<0.5 mg/kg	<0.00005 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.00042 %		

Key

 	User supplied data
 	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 1000 mg/l (0.1%) because: TPH chromatogram clearly shows that TPH present is not from petrol or diesel. TPHs present are from heavier fractions and no free-flowing oils are present in the sample. HP 3 flammable does not apply here. Threshold increased to 1000mg/L to account for HP 7 and HP 11

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00001%)

Classification of sample: SP19

✔ **Non Hazardous Waste**
Classified as **11 01 12**
in the List of Waste

Sample details

Sample name: SP19	LoW Code: Chapter: Entry:	11: Wastes from Chemical Surface Treatment and Coating of Metals and other Materials; Non-Ferrous Hydro-Metallurgy 11 01 12 (aqueous rinsing liquids other than those mentioned in 11 01 11)
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Hazard properties

None identified

Determinands

Density of the liquid: 1 g/cm³

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				7.03	pH		7.03	pH	7.03 pH		
2	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4	<0.01	mg/l	1.197	<0.012	mg/kg	<0.0000012 %		<LOD
3	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1			<0.02	mg/l	1.895	<0.0379	mg/kg	<0.00000379 %		<LOD
4	barium { barium oxide }		215-127-9	1304-28-5	0.016	mg/l	1.117	0.0179	mg/kg	0.00000179 %		
5	boron { boron tribromide }	005-003-00-0	233-657-9	10294-33-4	<0.1	mg/l	23.173	<2.317	mg/kg	<0.000232 %		<LOD
6	cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4	<0.003	mg/l	1.855	<0.0055	mg/kg	<0.000000556 %		<LOD
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	<0.01	mg/l	1.462	<0.0146	mg/kg	<0.00000146 %		<LOD
8	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8			<0.1	mg/l	2.27	<0.227	mg/kg	<0.0000227 %		<LOD
9	cobalt { cobalt dinitrate }	027-009-00-2	233-402-1	10141-05-6	<0.02	mg/l	3.104	<0.0621	mg/kg	<0.000002 %		<LOD
10	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8	<0.02	mg/l	3.929	<0.0786	mg/kg	<0.00000786 %		<LOD
11	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	0.084	mg/l	1.56	0.131	mg/kg	0.0000084 %	
12	manganese { manganese sulphate }	025-003-00-4	232-089-9	7785-87-7		0.165	mg/l	2.749	0.454	mg/kg	0.0000454 %	
13	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	<0.005	mg/l		<0.005	mg/kg	<0.0000005 %	<LOD
14	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<0.02	mg/l	1.5	<0.03	mg/kg	<0.000003 %	<LOD
15	nickel { nickel diiodide }	028-029-00-4	236-666-6	13462-90-3		<0.02	mg/l	5.324	<0.106	mg/kg	<0.0000106 %	<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	selenium { nickel selenate }				<0.01 mg/l	2.554	<0.0255 mg/kg	<0.0000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
17	thallium { thallium compounds, with the exception of those specified elsewhere in this Annex }				0.04 mg/l	1.284	0.0514 mg/kg	0.00000514 %		
	081-002-00-9									
18	vanadium { divanadium pentaoxide; vanadium pentoxide }				<0.01 mg/l	1.785	<0.0179 mg/kg	<0.00000179 %		<LOD
	023-001-00-8	215-239-8	1314-62-1							
19	zinc { zinc chromate }				<0.1 mg/l	2.774	<0.277 mg/kg	<0.0000277 %		<LOD
	024-007-00-3	236-878-9	13530-65-9							
20	naphthalene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
21	acenaphthylene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		205-917-1	208-96-8							
22	acenaphthene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		201-469-6	83-32-9							
23	fluorene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
24	phenanthrene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		201-581-5	85-01-8							
25	anthracene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		204-371-1	120-12-7							
26	fluoranthene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		205-912-4	206-44-0							
27	pyrene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		204-927-3	129-00-0							
28	benz[a]anthracene				0.098 mg/l		0.098 mg/kg	0.0000098 %		
	601-033-00-9	200-280-6	56-55-3							
29	chrysene				0.032 mg/l		0.032 mg/kg	0.0000032 %		
	601-048-00-0	205-923-4	218-01-9							
30	benzo[b]fluoranthene				0.203 mg/l		0.203 mg/kg	0.0000203 %		
	601-034-00-4	205-911-9	205-99-2							
31	benzo[k]fluoranthene				0.141 mg/l		0.141 mg/kg	0.0000141 %		
	601-036-00-5	205-916-6	207-08-9							
32	benzo[a]pyrene; benzo[def]chrysene				0.044 mg/l		0.044 mg/kg	0.0000044 %		
	601-032-00-3	200-028-5	50-32-8							
33	indeno[123-cd]pyrene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		205-893-2	193-39-5							
34	dibenz[a,h]anthracene				0.095 mg/l		0.095 mg/kg	0.0000095 %		
	601-041-00-2	200-181-8	53-70-3							
35	benzo[ghi]perylene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		205-883-8	191-24-2							
36	TPH (C6 to C40) petroleum group				603 mg/l		603 mg/kg	0.0603 %		
			TPH							
37	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
38	benzene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
39	ethylbenzene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
40	xylene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
41	toluene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
42	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
43	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.05 mg/l	1.884	<0.0942 mg/kg	<0.00000942 %		<LOD
	006-007-00-5									
44	phenol				<0.5 mg/l		<0.5 mg/kg	<0.00005 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.0608 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 1000 mg/l (0.1%) because: TPH chromatogram clearly shows that TPH present is not from petrol or diesel. TPHs present are from heavier fractions and no free-flowing oils are present in the sample. HP 3 flammable does not apply here. Threshold increased to 1000mg/L to account for HP 7 and HP 11

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0603%)

Classification of sample: SP20

✔ **Non Hazardous Waste**
Classified as **11 01 12**
in the List of Waste

Sample details

Sample name: SP20	LoW Code: Chapter: Entry:	11: Wastes from Chemical Surface Treatment and Coating of Metals and other Materials; Non-Ferrous Hydro-Metallurgy 11 01 12 (aqueous rinsing liquids other than those mentioned in 11 01 11)
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Hazard properties

None identified

Determinands

Density of the liquid: 1 g/cm³

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	pH		PH		8.12 pH		8.12 pH	8.12 pH		
2	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4	<0.01 mg/l	1.197	<0.012 mg/kg	<0.0000012 %		<LOD
3	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1			<0.02 mg/l	1.895	<0.0379 mg/kg	<0.00000379 %		<LOD
4	barium { barium oxide }		215-127-9	1304-28-5	0.02 mg/l	1.117	0.0223 mg/kg	0.00000223 %		
5	boron { boron tribromide }	005-003-00-0	233-657-9	10294-33-4	<0.1 mg/l	23.173	<2.317 mg/kg	<0.000232 %		<LOD
6	cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4	0.009 mg/l	1.855	0.0167 mg/kg	0.00000167 %		
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	<0.01 mg/l	1.462	<0.0146 mg/kg	<0.00000146 %		<LOD
8	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8			<0.1 mg/l	2.27	<0.227 mg/kg	<0.0000227 %		<LOD
9	cobalt { cobalt dinitrate }	027-009-00-2	233-402-1	10141-05-6	<0.02 mg/l	3.104	<0.0621 mg/kg	<0.000002 %		<LOD
10	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8	<0.02 mg/l	3.929	<0.0786 mg/kg	<0.00000786 %		<LOD
11	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	<0.02 mg/l	1.56	<0.0312 mg/kg	<0.000002 %		<LOD
12	manganese { manganese sulphate }	025-003-00-4	232-089-9	7785-87-7	<0.02 mg/l	2.749	<0.055 mg/kg	<0.0000055 %		<LOD
13	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			<0.005 mg/l		<0.005 mg/kg	<0.0000005 %		<LOD
14	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5	<0.02 mg/l	1.5	<0.03 mg/kg	<0.000003 %		<LOD
15	nickel { nickel diiodide }	028-029-00-4	236-666-6	13462-90-3	<0.02 mg/l	5.324	<0.106 mg/kg	<0.0000106 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	selenium { nickel selenate }				<0.01 mg/l	2.554	<0.0255 mg/kg	<0.00000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
17	thallium { thallium compounds, with the exception of those specified elsewhere in this Annex }				<0.02 mg/l	1.284	<0.0257 mg/kg	<0.00000257 %		<LOD
	081-002-00-9									
18	vanadium { divanadium pentaoxide; vanadium pentoxide }				<0.01 mg/l	1.785	<0.0179 mg/kg	<0.00000179 %		<LOD
	023-001-00-8	215-239-8	1314-62-1							
19	zinc { zinc chromate }				<0.1 mg/l	2.774	<0.277 mg/kg	<0.0000277 %		<LOD
	024-007-00-3	236-878-9	13530-65-9							
20	naphthalene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
21	acenaphthylene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		205-917-1	208-96-8							
22	acenaphthene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		201-469-6	83-32-9							
23	fluorene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
24	phenanthrene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		201-581-5	85-01-8							
25	anthracene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		204-371-1	120-12-7							
26	fluoranthene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		205-912-4	206-44-0							
27	pyrene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		204-927-3	129-00-0							
28	benzo[a]anthracene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
29	chrysene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
30	benzo[b]fluoranthene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
31	benzo[k]fluoranthene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
32	benzo[a]pyrene; benzo[def]chrysene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
33	indeno[123-cd]pyrene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		205-893-2	193-39-5							
34	dibenz[a,h]anthracene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
35	benzo[ghi]perylene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		205-883-8	191-24-2							
36	TPH (C6 to C40) petroleum group				0.22 mg/l		0.22 mg/kg	0.000022 %		
			TPH							
37	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
38	benzene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
39	ethylbenzene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
40	xylene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
41	toluene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
42	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
43	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.05 mg/l	1.884	<0.0942 mg/kg	<0.0000942 %		<LOD
	006-007-00-5									
44	phenol				<0.5 mg/l		<0.5 mg/kg	<0.00005 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.00043 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
●	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 1000 mg/l (0.1%) because: TPH chromatogram clearly shows that TPH present is not from petrol or diesel. TPHs present are from heavier fractions and no free-flowing oils are present in the sample. HP 3 flammable does not apply here. Threshold increased to 1000mg/L to account for HP 7 and HP 11

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00002%)

Classification of sample: SP21

✔ **Non Hazardous Waste**
Classified as **11 01 12**
in the List of Waste

Sample details

Sample name: SP21	LoW Code: Chapter: Entry:	11: Wastes from Chemical Surface Treatment and Coating of Metals and other Materials; Non-Ferrous Hydro-Metallurgy 11 01 12 (aqueous rinsing liquids other than those mentioned in 11 01 11)
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Hazard properties


None identified

Determinands

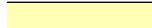



Density of the liquid: 1 g/cm³

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	pH		PH		7.45 pH		7.45 pH	7.45 pH		
2	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4	0.025 mg/l	1.197	0.0299 mg/kg	0.00000299 %		
3	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1			<0.02 mg/l	1.895	<0.0379 mg/kg	<0.00000379 %		<LOD
4	barium { barium oxide }		215-127-9	1304-28-5	0.11 mg/l	1.117	0.123 mg/kg	0.0000123 %		
5	boron { boron tribromide }	005-003-00-0	233-657-9	10294-33-4	0.44 mg/l	23.173	10.196 mg/kg	0.00102 %		
6	cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4	0.47 mg/l	1.855	0.872 mg/kg	0.0000872 %		
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	0.283 mg/l	1.462	0.414 mg/kg	0.0000414 %		
8	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8			<0.1 mg/l	2.27	<0.227 mg/kg	<0.0000227 %		<LOD
9	cobalt { cobalt dinitrate }	027-009-00-2	233-402-1	10141-05-6	0.262 mg/l	3.104	0.813 mg/kg	0.0000262 %		
10	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8	0.339 mg/l	3.929	1.332 mg/kg	0.000133 %		
11	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	0.263 mg/l	1.56	0.41 mg/kg	0.0000263 %		
12	manganese { manganese sulphate }	025-003-00-4	232-089-9	7785-87-7	0.171 mg/l	2.749	0.47 mg/kg	0.000047 %		
13	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			0.0117 mg/l		0.0117 mg/kg	0.00000117 %		
14	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5	3.89 mg/l	1.5	5.836 mg/kg	0.000584 %		
15	nickel { nickel diiodide }	028-029-00-4	236-666-6	13462-90-3	0.354 mg/l	5.324	1.885 mg/kg	0.000188 %		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	selenium { nickel selenate }				0.019 mg/l	2.554	0.0485 mg/kg	0.00000485 %		
	028-031-00-5	239-125-2	15060-62-5							
17	thallium { thallium compounds, with the exception of those specified elsewhere in this Annex }				0.283 mg/l	1.284	0.363 mg/kg	0.0000363 %		
	081-002-00-9									
18	vanadium { divanadium pentaoxide; vanadium pentoxide }				<0.01 mg/l	1.785	<0.0179 mg/kg	<0.00000179 %		<LOD
	023-001-00-8	215-239-8	1314-62-1							
19	zinc { zinc chromate }				0.92 mg/l	2.774	2.552 mg/kg	0.000255 %		
	024-007-00-3	236-878-9	13530-65-9							
20	naphthalene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
21	acenaphthylene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		205-917-1	208-96-8							
22	acenaphthene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		201-469-6	83-32-9							
23	fluorene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
24	phenanthrene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		201-581-5	85-01-8							
25	anthracene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		204-371-1	120-12-7							
26	fluoranthene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		205-912-4	206-44-0							
27	pyrene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		204-927-3	129-00-0							
28	benz[a]anthracene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
29	chrysene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
30	benzo[b]fluoranthene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
31	benzo[k]fluoranthene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
32	benzo[a]pyrene; benzo[def]chrysene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
33	indeno[123-cd]pyrene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		205-893-2	193-39-5							
34	dibenz[a,h]anthracene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
35	benzo[ghi]perylene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
		205-883-8	191-24-2							
36	TPH (C6 to C40) petroleum group				53.5 mg/l		53.5 mg/kg	0.00535 %		
			TPH							
37	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
38	benzene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
39	ethylbenzene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
40	xylene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
41	toluene				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
42	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/l		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
43	cyanides {  salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.05 mg/l	1.884	<0.0942 mg/kg	<0.00000942 %		<LOD
	006-007-00-5									
44	phenol				<0.5 mg/l		<0.5 mg/kg	<0.00005 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.00792 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 1000 mg/l (0.1%) because: TPH chromatogram clearly shows that TPH present is not from petrol or diesel. TPHs present are from heavier fractions and no free-flowing oils are present in the sample. HP 3 flammable does not apply here. Threshold increased to 1000mg/L to account for HP 7 and HP 11

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00535%)

Appendix A: Classifier defined and non GB MCL determinands

▪ pH (CAS Number: PH)

Description/Comments: Appendix C4
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

▪ barium oxide (EC Number: 215-127-9, CAS Number: 1304-28-5)

Description/Comments: Data from ECHA's C&L Inventory Database, Sigma Aldrich SDS dated 6/2/20
Data source: <https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/88825>
Data source date: 02 Apr 2020
Hazard Statements: Acute Tox. 3; H301, Skin Corr. 1B; H314, Eye Dam. 1; H318, Acute Tox. 1; H332

▪ chromium(III) oxide (worst case) (EC Number: 215-160-9, CAS Number: 1308-38-9)

Description/Comments: Data from C&L Inventory Database
Data source: <https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806>
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4; H332, Acute Tox. 4; H302, Eye Irrit. 2; H319, STOT SE 3; H335, Skin Irrit. 2; H315, Resp. Sens. 1; H334, Skin Sens. 1; H317, Repr. 1B; H360FD, Aquatic Acute 1; H400, Aquatic Chronic 1; H410

▪ thallium compounds, with the exception of those specified elsewhere in this Annex

GB MCL index number: 081-002-00-9
Description/Comments: Conversion factor based on a worst case compound: thallium(I) chromate
Additional Hazard Statement(s): Carc. 1A; H350
Reason for additional Hazards Statement(s):
20 Nov 2021 - Carc. 1A; H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

▪ acenaphthylene (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4; H302, Acute Tox. 1; H330, Acute Tox. 1; H310, Eye Irrit. 2; H319, STOT SE 3; H335, Skin Irrit. 2; H315

▪ acenaphthene (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2; H319, STOT SE 3; H335, Skin Irrit. 2; H315, Aquatic Acute 1; H400, Aquatic Chronic 1; H410, Aquatic Chronic 2; H411

▪ fluorene (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 06 Aug 2015
Hazard Statements: Aquatic Acute 1; H400, Aquatic Chronic 1; H410

▪ phenanthrene (EC Number: 201-581-5, CAS Number: 85-01-8)

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 06 Aug 2015
Hazard Statements: Acute Tox. 4; H302, Eye Irrit. 2; H319, STOT SE 3; H335, Carc. 2; H351, Skin Sens. 1; H317, Aquatic Acute 1; H400, Aquatic Chronic 1; H410, Skin Irrit. 2; H315

▪ anthracene (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2; H319, STOT SE 3; H335, Skin Irrit. 2; H315, Skin Sens. 1; H317, Aquatic Acute 1; H400, Aquatic Chronic 1; H410

▪ fluoranthene (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 21 Aug 2015
Hazard Statements: Acute Tox. 4; H302, Aquatic Acute 1; H400, Aquatic Chronic 1; H410

• **pyrene** (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 21 Aug 2015
Hazard Statements: Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

• **indeno[123-cd]pyrene** (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 06 Aug 2015
Hazard Statements: Carc. 2; H351

• **benzo[ghi]perylene** (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

• **TPH (C6 to C40) petroleum group** (CAS Number: TPH)

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: Flam. Liq. 3; H226 , Asp. Tox. 1; H304 , STOT RE 2; H373 , Muta. 1B; H340 , Carc. 1B; H350 , Repr. 2; H361d , Aquatic Chronic 2; H411

• **confirm TPH has NOT arisen from diesel or petrol**

Description/Comments: Chapter 3, section 4b requires a positive confirmation for benzo[a]pyrene to be used as a marker in evaluating Carc. 1B; H350 (HP 7) and Muta. 1B; H340 (HP 11)
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

• **ethylbenzene** (EC Number: 202-849-4, CAS Number: 100-41-4)

GB MCL index number: 601-023-00-4
Description/Comments:
Additional Hazard Statement(s): Carc. 2; H351
Reason for additional Hazards Statement(s):
20 Nov 2021 - Carc. 2; H351 hazard statement sourced from: IARC Group 2B (77) 2000

• **salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex**

GB MCL index number: 006-007-00-5
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide
Additional Hazard Statement(s): EUH032 >= 0.2 %
Reason for additional Hazards Statement(s):
20 Nov 2021 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

Appendix B: Rationale for selection of metal species

antimony {antimony trioxide}

Worst case species (edit as required)

arsenic {arsenic acid and its salts with the exception of those specified elsewhere in this Annex}

Worst case species (edit as required)

barium {barium oxide}

Insufficient chromium VI present in sample. So, barium oxide may be the species present due to the lack of sufficient sulphate or chloride.

boron {boron tribromide}

Worst case species (edit as required)

cadmium {cadmium sulfate}

Worst case species (edit as required)

chromium in chromium(III) compounds {chromium(III) oxide (worst case)}

Worst case species (edit as required)

chromium in chromium(VI) compounds {chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex}

Worst case species (edit as required)

cobalt {cobalt dinitrate}

Worst case species (edit as required)

copper {copper sulphate pentahydrate}

Worst case species (edit as required)

lead {lead chromate}

Worst case species (edit as required)

manganese {manganese sulphate}

Worst case species (edit as required)

mercury {inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex}

Insufficient cyanide present in sample. So, other mercury compounds may be the species present due to the lack of sufficient sulphate or chloride.

molybdenum {molybdenum(VI) oxide}

Worst case species (edit as required)

nickel {nickel diiodide}

Worst case species (edit as required)

selenium {nickel selenate}

Worst case species (edit as required)

thallium {thallium compounds, with the exception of those specified elsewhere in this Annex}

Worst case species (edit as required)

vanadium {divanadium pentaoxide; vanadium pentoxide}

Worst case species (edit as required)

zinc {zinc chromate}

Worst case species (edit as required)

cyanides {salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex}

Worst case species (edit as required)

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.2.GB - Oct 2021
 HazWasteOnline Classification Engine Version: 2025.7.6439.11737 (07 Jan 2025)
 HazWasteOnline Database: 2025.7.6439.11737 (07 Jan 2025)

This classification utilises the following guidance and legislation:

WM3 v1.2.GB - Waste Classification - 1st Edition v1.2.GB - Oct 2021

CLP Regulation - Regulation 1272/2008/EC of 16 December 2008

1st ATP - Regulation 790/2009/EC of 10 August 2009

2nd ATP - Regulation 286/2011/EC of 10 March 2011

3rd ATP - Regulation 618/2012/EU of 10 July 2012

4th ATP - Regulation 487/2013/EU of 8 May 2013

Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013

5th ATP - Regulation 944/2013/EU of 2 October 2013

6th ATP - Regulation 605/2014/EU of 5 June 2014

WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014

Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014

7th ATP - Regulation 2015/1221/EU of 24 July 2015

8th ATP - Regulation (EU) 2016/918 of 19 May 2016

9th ATP - Regulation (EU) 2016/1179 of 19 July 2016

10th ATP - Regulation (EU) 2017/776 of 4 May 2017

HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017

13th ATP - Regulation (EU) 2018/1480 of 4 October 2018

14th ATP - Regulation (EU) 2020/217 of 4 October 2019

15th ATP - Regulation (EU) 2020/1182 of 19 May 2020

The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit)

Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020

The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK:

2020 No. 1540 of 16th December 2020

GB MCL List - version 1.1 of 09 June 2021

GB MCL List v2.0 - version 2.0 of 20th October 2023

GB MCL List v3.0 - version 3.0 of 11th January 2024

GB MCL List v4.0 - version 4.0 of 2nd March 2024

GB MCL List v5.0 - version 5.0 of 26th June 2024