

#	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							
47	1,4-dichlorobenzene; p-dichlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
48	1,2,3-trichlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-757-1	87-61-6							
49	1,1,1-trichloroethane; methyl chloroform				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
50	1,2,4-trichlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
51	2,2-dichloropropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		209-832-0	594-20-7							
52	2-chlorotoluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-040-00-X	202-424-3	95-49-8							
53	4-chlorotoluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-040-00-X	203-397-0	106-43-4							
54	1-isopropyl-4-methylbenzene; p-cymene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-094-00-1	202-796-7	99-87-6							
55	bromobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
56	bromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-826-3	74-97-5							
57	bromodichloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-856-7	75-27-4							
58	bromoform; tribromomethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
59	1,1,2,2-tetrachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
60	bromoethane; ethyl bromide				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
	602-055-00-1	200-825-8	74-96-4							
61	n-butylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		203-209-7	104-51-8							
62	chlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
63	chloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
64	chloroform; trichloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
65	chloromethane; methyl chloride				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
66	cis-dichloroethylene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-026-00-3	205-859-7	156-59-2							
67	1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-030-00-5	208-826-5	542-75-6							
68	dibromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		204-704-0	124-48-1							
69	dibromomethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
70	1,1,2-trichloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
71	dichlorodifluoromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-893-9	75-71-8							
72	dichloromethane; methylene chloride				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-004-00-3	200-838-9	75-09-2							
73	hexachlorobutadiene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-765-5	87-68-3							
74	cumene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-024-00-X	202-704-5	98-82-8							
75	propylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-097-00-8	203-132-9	103-65-1							

#	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							
76	1,1-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
77	sec-butylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		205-227-0	135-98-8							
78	styrene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
79	tert-butylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-632-4	98-06-6							
80	tetrachloroethylene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
81	carbon tetrachloride; tetrachloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
82	trans-dichloroethylene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-026-00-3	205-860-2	156-60-5							
83	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
84	trichloroethylene; trichloroethene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
85	trichlorofluoromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-892-3	75-69-4							
86	1,1-dichloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-011-00-1	200-863-5	75-34-3							
87	vinyl chloride; chloroethylene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-023-00-7	200-831-0	75-01-4							
88	1,1-dichloroethylene; vinylidene chloride				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
89	1,2,3-trichloropropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
90	1,2,4-trimethylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
Total:								0.0296 %		

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 concentration of: 1500 mg/kg (0.15%) because: No free product identified. TPH in soil unlikely to be flammable at concentrations recorded.

Hazard Statements hit:

Flam. Liq. 1; H224 "Extremely flammable liquid and vapour."

Because of determinand:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

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

Because of determinand:

WAC results for sample: WS01-0.65-0.65-31/07/2026--124047

WAC Settings: samples in this Job do not constitute a single population.

WAC limits used to evaluate this sample: "UK"

The WAC used in this report are the WAC defined for the inert, stable non-reactive hazardous and hazardous classes of landfill in the UK. You should check the actual acceptance criteria when the disposal site is identified as they may differ from the generic WAC used in this report.

The sample FAILS the Inert (Inert waste landfill) criteria.

The sample FAILS the SNRHW (Stable non-reactive hazardous waste in non-hazardous landfill) criteria.

WAC Determinands

Solid Waste Analysis				Landfill Waste Acceptance Criteria Limits		
#	Determinand Header		User entered data	Inert waste landfill	Stable non-reactive hazardous waste in non-hazardous landfill	Hazardous waste landfill
1	TOC (total organic carbon)	%	8.29	3	5	6
2	LOI (loss on ignition)	%	2.14	-	-	10
3	BTEX (benzene, toluene, ethylbenzene and xylenes)	mg/kg	<0.007	6	-	-
4	PCBs (polychlorinated biphenyls, 7 congeners)	mg/kg	<0.035	1	-	-
5	Mineral oil (C10 to C40)	mg/kg	<19	500	-	-
6	PAHs (polycyclic aromatic hydrocarbons)	mg/kg	1.38	100	-	-
7	pH	pH	7.7	-	>6	-
8	ANC (acid neutralisation capacity)	mol/kg	1.87	-	-	-
Eluate Analysis 10:1						
9	arsenic	mg/kg	0.015	0.5	2	25
10	barium	mg/kg	0.117	20	100	300
11	cadmium	mg/kg	<0.001	0.04	1	5
12	chromium	mg/kg	0.029	0.5	10	70
13	copper	mg/kg	0.023	2	50	100
14	mercury	mg/kg	<0.0005	0.01	0.2	2
15	molybdenum	mg/kg	0.03	0.5	10	30
16	nickel	mg/kg	0.015	0.4	10	40
17	lead	mg/kg	0.012	0.5	10	50
18	antimony	mg/kg	0.013	0.06	0.7	5
19	selenium	mg/kg	<0.011	0.1	0.5	7
20	zinc	mg/kg	0.05	4	50	200
21	chloride	mg/kg	<4	800	15000	25000
22	fluoride	mg/kg	4	10	150	500
23	sulphate	mg/kg	13	1000	20000	50000
24	phenol index	mg/kg	<0.1	1	-	-
25	DOC (dissolved organic carbon)	mg/kg	24.8	500	800	1000
26	TDS (total dissolved solids)	mg/kg	<100	4000	60000	100000

Key

	User supplied data
	Not applicable
	Inert WAC criteria fail
	SNRHW WAC criteria fail

Classification of sample: WS03-0.15-0.15-31/07/2026--124049

 **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
WS03-0.15-0.15-31/07/2026--124049	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
7.4% (no correction)	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 7.4% No Moisture Correction applied (MC)

#	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	asbestos fibres detected (Yes/No)				No						
			ACM_FIBRES								
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				7.7 mg/kg	1.895	14.588 mg/kg	0.00146 %			
	033-005-00-1										
3	boron { boric acid; [1] boric acid; [2] }				0.54 mg/kg	5.719	3.088 mg/kg	0.000309 %			
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]								
4	cadmium { cadmium sulfate }				<1.1 mg/kg	1.855	<2.04 mg/kg	<0.000204 %			<LOD
	048-009-00-9	233-331-6	10124-36-4								
5	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				0.12 mg/kg	2.27	0.272 mg/kg	0.0000272 %			
	024-017-00-8										
6	copper { copper sulphate pentahydrate }				20.4 mg/kg	3.929	80.153 mg/kg	0.00802 %			
	029-023-00-4	231-847-6	7758-99-8								
7	lead { lead chromate }			1	9.9 mg/kg	1.56	15.442 mg/kg	0.00099 %			
	082-004-00-2	231-846-0	7758-97-6								
8	mercury { mercury dichloride }				<0.6 mg/kg	1.353	<0.812 mg/kg	<0.0000812 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
9	nickel { nickel dibromate }				14.5 mg/kg	5.358	77.696 mg/kg	0.00777 %			
	028-053-00-5	238-596-1	14550-87-9								
10	selenium { nickel selenate }				<3 mg/kg	2.554	<7.662 mg/kg	<0.000766 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
11	zinc { zinc chromate }				21.9 mg/kg	2.774	60.754 mg/kg	0.00608 %			
	024-007-00-3	236-878-9	13530-65-9								
12	TPH (C6 to C40) petroleum group				24 mg/kg		24 mg/kg	0.0024 %			
			TPH								
13	pH				10.3 pH		10.3 pH	10.3 pH			
			PH								
14	naphthalene				0.089 mg/kg		0.089 mg/kg	0.0000089 %			
	601-052-00-2	202-049-5	91-20-3								
15	acenaphthylene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %			<LOD
		205-917-1	208-96-8								
16	acenaphthene				<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %			<LOD
		201-469-6	83-32-9								

#	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							
17	fluorene	201-695-5	86-73-7		<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %		<LOD
18	phenanthrene	201-581-5	85-01-8		0.099 mg/kg		0.099 mg/kg	0.0000099 %		
19	anthracene	204-371-1	120-12-7		<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %		<LOD
20	fluoranthene	205-912-4	206-44-0		0.024 mg/kg		0.024 mg/kg	0.0000024 %		
21	pyrene	204-927-3	129-00-0		0.029 mg/kg		0.029 mg/kg	0.0000029 %		
22	benzo[a]anthracene	601-033-00-9	200-280-6		0.021 mg/kg		0.021 mg/kg	0.0000021 %		
23	chrysene	601-048-00-0	205-923-4		<0.028 mg/kg		<0.028 mg/kg	<0.0000028 %		<LOD
24	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
25	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.025 mg/kg		<0.025 mg/kg	<0.0000025 %		<LOD
26	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.019 mg/kg		<0.019 mg/kg	<0.0000019 %		<LOD
27	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.019 mg/kg		<0.019 mg/kg	<0.0000019 %		<LOD
28	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %		<LOD
29	benzo[ghi]perylene	205-883-8	191-24-2		<0.019 mg/kg		<0.019 mg/kg	<0.0000019 %		<LOD
30	chromium { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		14.5 mg/kg	1.462	21.193 mg/kg	0.00212 %		
Total:								0.0292 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
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	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 concentration of: 1500 mg/kg (0.15%) because: No free product identified. TPH in soil unlikely to be flammable at concentrations recorded.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0024%)

Classification of sample: WS04-0.10-0.10-31/07/2026--124052

 **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
WS04-0.10-0.10-31/07/2026--124052	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
4.8%	Entry:
(no correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: **4.8% No Moisture Correction applied (MC)**

#	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	asbestos fibres detected (Yes/No)				No					
			ACM_FIBRES							
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				4.6 mg/kg	1.895	8.715 mg/kg	0.000871 %		
	033-005-00-1									
3	boron { boric acid; [1] boric acid; [2] }				0.65 mg/kg	5.719	3.717 mg/kg	0.000372 %		
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
4	cadmium { cadmium sulfate }				<1.1 mg/kg	1.855	<2.04 mg/kg	<0.000204 %		<LOD
	048-009-00-9	233-331-6	10124-36-4							
5	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				0.3 mg/kg	2.27	0.681 mg/kg	0.0000681 %		
	024-017-00-8									
6	copper { copper sulphate pentahydrate }				7.4 mg/kg	3.929	29.075 mg/kg	0.00291 %		
	029-023-00-4	231-847-6	7758-99-8							
7	lead { lead chromate }			1	8.5 mg/kg	1.56	13.258 mg/kg	0.00085 %		
	082-004-00-2	231-846-0	7758-97-6							
8	mercury { mercury dichloride }				<0.6 mg/kg	1.353	<0.812 mg/kg	<0.0000812 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel dibromate }				7.9 mg/kg	5.358	42.331 mg/kg	0.00423 %		
	028-053-00-5	238-596-1	14550-87-9							
10	selenium { nickel selenate }				<3 mg/kg	2.554	<7.662 mg/kg	<0.000766 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
11	zinc { zinc chromate }				22 mg/kg	2.774	61.031 mg/kg	0.0061 %		
	024-007-00-3	236-878-9	13530-65-9							
12	TPH (C6 to C40) petroleum group				<27 mg/kg		<27 mg/kg	<0.0027 %		<LOD
			TPH							
13	pH				11.1 pH		11.1 pH	11.1 pH		
			PH							
14	naphthalene				0.145 mg/kg		0.145 mg/kg	0.0000145 %		
	601-052-00-2	202-049-5	91-20-3							
15	acenaphthylene				0.124 mg/kg		0.124 mg/kg	0.0000124 %		
		205-917-1	208-96-8							
16	acenaphthene				0.052 mg/kg		0.052 mg/kg	0.0000052 %		
		201-469-6	83-32-9							

#	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							
17	fluorene	201-695-5	86-73-7		0.116 mg/kg		0.116 mg/kg	0.0000116 %		
18	phenanthrene	201-581-5	85-01-8		1.2 mg/kg		1.2 mg/kg	0.00012 %		
19	anthracene	204-371-1	120-12-7		0.256 mg/kg		0.256 mg/kg	0.0000256 %		
20	fluoranthene	205-912-4	206-44-0		1.27 mg/kg		1.27 mg/kg	0.000127 %		
21	pyrene	204-927-3	129-00-0		1.04 mg/kg		1.04 mg/kg	0.000104 %		
22	benzo[a]anthracene	601-033-00-9	200-280-6		0.589 mg/kg		0.589 mg/kg	0.0000589 %		
23	chrysene	601-048-00-0	205-923-4		0.435 mg/kg		0.435 mg/kg	0.0000435 %		
24	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.599 mg/kg		0.599 mg/kg	0.0000599 %		
25	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.22 mg/kg		0.22 mg/kg	0.000022 %		
26	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.476 mg/kg		0.476 mg/kg	0.0000476 %		
27	indeno[123-cd]pyrene	205-893-2	193-39-5		0.466 mg/kg		0.466 mg/kg	0.0000466 %		
28	dibenz[a,h]anthracene	601-041-00-2	200-181-8		0.096 mg/kg		0.096 mg/kg	0.0000096 %		
29	benzo[ghi]perylene	205-883-8	191-24-2		0.389 mg/kg		0.389 mg/kg	0.0000389 %		
30	chromium { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		10.2 mg/kg	1.462	14.908 mg/kg	0.00149 %		
Total:								0.0176 %		

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 concentration of: 1500 mg/kg (0.15%) because: No free product identified. TPH in soil unlikely to be flammable at concentrations recorded.

Hazard Statements hit:

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

Because of determinand:

Classification of sample: WS05-0.15-0.15-31/07/2026--124055



Sample details

Sample name:	LoW Code:
WS05-0.15-0.15-31/07/2026--124055	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
5.3% (no correction)	Entry:
	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 7: Carcinogenic "waste which may induce cancer or increase its incidence."

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.141%)

HP 11: Mutagenic "waste which may produce heritable increases in frequency of mutations in somatic and/or germ cells of humans and/or other organisms."

Hazard Statements hit:

Muta. 1B; H340 "May cause genetic defects [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.141%)

Determinands

Moisture content: 5.3% No Moisture Correction applied (MC)

#	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	asbestos fibres detected (Yes/No)				No					
			ACM_FIBRES							
2	antimony { antimony trioxide }				<4.7 mg/kg	1.197	<5.626 mg/kg	<0.000563 %		<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 }				2.5 mg/kg	1.895	4.736 mg/kg	0.000474 %		
	033-005-00-1									
4	barium { barium sulphide }				26.7 mg/kg	1.233	32.934 mg/kg	0.00329 %		
	016-002-00-X	244-214-4	21109-95-5							
5	boron { boric acid; [1] boric acid; [2] }				<0.5 mg/kg	5.719	<2.86 mg/kg	<0.000286 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
6	cadmium { cadmium sulfate }				<1.1 mg/kg	1.855	<2.04 mg/kg	<0.000204 %		<LOD
	048-009-00-9	233-331-6	10124-36-4							
7	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.04 mg/kg	2.27	<0.0908 mg/kg	<0.0000908 %		<LOD
	024-017-00-8									
8	copper { copper sulphate pentahydrate }				16.5 mg/kg	3.929	64.829 mg/kg	0.00648 %		
	029-023-00-4	231-847-6	7758-99-8							

#	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									
9	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	26.2 mg/kg	1.56	40.867 mg/kg	0.00262 %			
10	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.6 mg/kg	1.353	<0.812 mg/kg	<0.0000812 %			<LOD
11	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<1.1 mg/kg	1.5	<1.65 mg/kg	<0.000165 %			<LOD
12	nickel { nickel dibromate }	028-053-00-5	238-596-1	14550-87-9		17.6 mg/kg	5.358	94.306 mg/kg	0.00943 %			
13	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<3 mg/kg	2.554	<7.662 mg/kg	<0.000766 %			<LOD
14	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		78.3 mg/kg	2.774	217.216 mg/kg	0.0217 %			
15	TPH (C6 to C40) petroleum group			TPH		1410 mg/kg		1410 mg/kg	0.141 %			
16	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
17	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
18	toluene	601-021-00-3	203-625-9	108-88-3		0.006 mg/kg		0.006 mg/kg	0.0000006 %			
19	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
20	xylene	601-022-00-9	215-535-7	1330-20-7		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
21	pH			PH		8.6 pH		8.6 pH	8.6 pH			
22	naphthalene	601-052-00-2	202-049-5	91-20-3		0.036 mg/kg		0.036 mg/kg	0.0000036 %			
23	acenaphthylene		205-917-1	208-96-8		0.03 mg/kg		0.03 mg/kg	0.000003 %			
24	acenaphthene		201-469-6	83-32-9		<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %			<LOD
25	fluorene		201-695-5	86-73-7		0.028 mg/kg		0.028 mg/kg	0.0000028 %			
26	phenanthrene		201-581-5	85-01-8		0.289 mg/kg		0.289 mg/kg	0.0000289 %			
27	anthracene		204-371-1	120-12-7		0.055 mg/kg		0.055 mg/kg	0.0000055 %			
28	fluoranthene		205-912-4	206-44-0		0.404 mg/kg		0.404 mg/kg	0.0000404 %			
29	pyrene		204-927-3	129-00-0		0.345 mg/kg		0.345 mg/kg	0.0000345 %			
30	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.16 mg/kg		0.16 mg/kg	0.000016 %			
31	chrysene	601-048-00-0	205-923-4	218-01-9		0.152 mg/kg		0.152 mg/kg	0.0000152 %			
32	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.216 mg/kg		0.216 mg/kg	0.0000216 %			
33	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.073 mg/kg		0.073 mg/kg	0.0000073 %			
34	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.156 mg/kg		0.156 mg/kg	0.0000156 %			
35	indeno[123-cd]pyrene		205-893-2	193-39-5		0.155 mg/kg		0.155 mg/kg	0.0000155 %			
36	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.037 mg/kg		0.037 mg/kg	0.0000037 %			
37	benzo[ghi]perylene		205-883-8	191-24-2		0.162 mg/kg		0.162 mg/kg	0.0000162 %			

#	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							
38	coronene	205-881-7	191-07-1		0.05 mg/kg		0.05 mg/kg	0.000005 %		
39	polychlorobiphenyls; PCB	602-039-00-4	215-648-1		<0.035 mg/kg		<0.035 mg/kg	<0.0000035 %		<LOD
40	chromium { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		15.4 mg/kg	1.462	22.508 mg/kg	0.00225 %		
41	1,1,1,2-tetrachloroethane	211-135-1	630-20-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
42	1,2-dibromo-3-chloropropane	602-021-00-6	202-479-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
43	1,2-dibromoethane	602-010-00-6	203-444-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
44	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
45	1,2-dichloroethane; ethylene dichloride	602-012-00-7	203-458-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
46	1,2-dichloropropane; propylene dichloride	602-020-00-0	201-152-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
47	mesitylene; 1,3,5-trimethylbenzene	601-025-00-5	203-604-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
48	1,3-dichlorobenzene	602-067-00-7	208-792-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
49	1,3-dichloropropane	205-531-3	142-28-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
50	1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
51	1,2,3-trichlorobenzene	201-757-1	87-61-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
52	1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
53	1,2,4-trichlorobenzene	602-087-00-6	204-428-0		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
54	2,2-dichloropropane	209-832-0	594-20-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
55	2-chlorotoluene	602-040-00-X	202-424-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
56	4-chlorotoluene	602-040-00-X	203-397-0		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
57	1-isopropyl-4-methylbenzene; p-cymene	601-094-00-1	202-796-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
58	bromobenzene	602-060-00-9	203-623-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
59	bromochloromethane	200-826-3	74-97-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
60	bromodichloromethane	200-856-7	75-27-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
61	bromoform; tribromomethane	602-007-00-X	200-854-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
62	1,1,2,2-tetrachloroethane	602-015-00-3	201-197-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
63	bromoethane; ethyl bromide	602-055-00-1	200-825-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
64	n-butylbenzene	203-209-7	104-51-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
65	chlorobenzene	602-033-00-1	203-628-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
66	chloroethane	602-009-00-0	200-830-5		<0.01 mg/kg		<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							
67	chloroform; trichloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
68	chloromethane; methyl chloride				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
69	cis-dichloroethylene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-026-00-3	205-859-7	156-59-2							
70	1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-030-00-5	208-826-5	542-75-6							
71	dibromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		204-704-0	124-48-1							
72	dibromomethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
73	1,1,2-trichloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
74	dichlorodifluoromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-893-9	75-71-8							
75	dichloromethane; methylene chloride				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-004-00-3	200-838-9	75-09-2							
76	hexachlorobutadiene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-765-5	87-68-3							
77	cumene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-024-00-X	202-704-5	98-82-8							
78	propylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-097-00-8	203-132-9	103-65-1							
79	1,1-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
80	sec-butylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		205-227-0	135-98-8							
81	styrene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
82	tert-butylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-632-4	98-06-6							
83	tetrachloroethylene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
84	carbon tetrachloride; tetrachloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
85	trans-dichloroethylene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-026-00-3	205-860-2	156-60-5							
86	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
87	trichloroethylene; trichloroethene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
88	trichlorofluoromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-892-3	75-69-4							
89	1,1-dichloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-011-00-1	200-863-5	75-34-3							
90	vinyl chloride; chloroethylene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-023-00-7	200-831-0	75-01-4							
91	1,1-dichloroethylene; vinylidene chloride				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
92	1,2,3-trichloropropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
93	1,2,4-trimethylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
Total:								0.188 %		

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 concentration of: 1500 mg/kg (0.15%) because: No free product identified. TPH in soil unlikely to be flammable at concentrations recorded.

Hazard Statements hit:

Flam. Liq. 1; H224 "Extremely flammable liquid and vapour."

Because of determinand:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

toluene (conc.: 6.0e-07%)

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.141%)

WAC results for sample: WS05-0.15-0.15-31/07/2026--124055

WAC Settings: samples in this Job do not constitute a single population.

WAC limits used to evaluate this sample: "UK"

The WAC used in this report are the WAC defined for the inert, stable non-reactive hazardous and hazardous classes of landfill in the UK. You should check the actual acceptance criteria when the disposal site is identified as they may differ from the generic WAC used in this report.

The sample **PASSES** the SNRHW (Stable non-reactive hazardous waste in non-hazardous landfill) criteria.

The sample **PASSES** the Hazardous (Hazardous waste landfill) criteria.

WAC Determinands

Solid Waste Analysis				Landfill Waste Acceptance Criteria Limits		
#	Determinand Header		User entered data	Inert waste landfill	Stable non-reactive hazardous waste in non-hazardous landfill	Hazardous waste landfill
1	TOC (total organic carbon)	%	1.73	3	5	6
2	LOI (loss on ignition)	%	2.49	-	-	10
3	BTEX (benzene, toluene, ethylbenzene and xylenes)	mg/kg	<0.007	6	-	-
4	PCBs (polychlorinated biphenyls, 7 congeners)	mg/kg	<0.035	1	-	-
5	Mineral oil (C10 to C40)	mg/kg	492	500	-	-
6	PAHs (polycyclic aromatic hydrocarbons)	mg/kg	2.35	100	-	-
7	pH	pH	8.6	-	>6	-
8	ANC (acid neutralisation capacity)	mol/kg	0.03	-	-	-
Eluate Analysis 10:1						
9	arsenic	mg/kg	0.013	0.5	2	25
10	barium	mg/kg	0.094	20	100	300
11	cadmium	mg/kg	<0.001	0.04	1	5
12	chromium	mg/kg	<0.005	0.5	10	70
13	copper	mg/kg	0.022	2	50	100
14	mercury	mg/kg	<0.0005	0.01	0.2	2
15	molybdenum	mg/kg	<0.009	0.5	10	30
16	nickel	mg/kg	0.005	0.4	10	40
17	lead	mg/kg	<0.006	0.5	10	50
18	antimony	mg/kg	<0.008	0.06	0.7	5
19	selenium	mg/kg	<0.011	0.1	0.5	7
20	zinc	mg/kg	<0.03	4	50	200
21	chloride	mg/kg	<4	800	15000	25000
22	fluoride	mg/kg	<0.8	10	150	500
23	sulphate	mg/kg	<3	1000	20000	50000
24	phenol index	mg/kg	<0.1	1	-	-
25	DOC (dissolved organic carbon)	mg/kg	13	500	800	1000
26	TDS (total dissolved solids)	mg/kg	<100	4000	60000	100000

Key

	User supplied data
	Not applicable

Appendix A: Classifier defined and non GB MCL determinands

■ **asbestos fibres detected (Yes/No)** (CAS Number: ACM_FIBRES)

Description/Comments: not classified, information only

Data source: N/A

Data source date: 15 Jan 2020

Hazard Statements: None.

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

Description/Comments: Unknown Oil

Hazard statements taken from WM3 version 1.1.NI and 1.2.GB 2021

Data source: WM3 version 1.1.NI and 1.2.GB 2021

Data source date: 30 Jan 2021

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

■ **pH** (CAS Number: PH)

Description/Comments: Appendix C4

Data source: WM3 version 1.1.NI and 1.2.GB 2021

Data source date: 30 Jan 2021

Hazard Statements: None.

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

Description/Comments: Data from ECHACHEM; CLP submissions;

SDS Sigma Aldrich v6.7 dated 25/12/2025

Data source: <https://chem.echa.europa.eu/100.005.380/overview>

<https://www.sigmaaldrich.com/GB/en/sds/aldrich/416703>

Data source date: 02 Mar 2026

Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 1; H310 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Acute Tox. 1; H330 , STOT SE 3; H335

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

Description/Comments: Data from ECHACHEM; CLP submissions;

SDS Sigma Aldrich v6.8 dated 12/12/2025

Data source: <https://chem.echa.europa.eu/100.001.336/industry/113817?searchText=83-32-9>

<https://www.sigmaaldrich.com/GB/en/sds/aldrich/215376>

Data source date: 02 Mar 2026

Hazard Statements: Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

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

Description/Comments: Data from ECHACHEM; CLP submissions;

SDS Sigma Aldrich v6.6 dated 25/12/2025

Data source: <https://chem.echa.europa.eu/100.001.541/overview>

<https://www.sigmaaldrich.com/GB/en/sds/aldrich/128333>

Data source date: 02 Mar 2026

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 ECHACHEM; CLP submissions;

SDS Sigma Aldrich v7.2 dated 25/12/2025

Data source: <https://chem.echa.europa.eu/100.001.437/overview>

<https://www.sigmaaldrich.com/GB/en/sds/supelco/48569>

Data source date: 02 Mar 2026

Hazard Statements: Acute Tox. 4; H302 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , EUH441

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

Description/Comments: Data from ECHACHEM; CLP submissions

SDS Sigma Aldrich v9.3 dated 25/12/2025

Data source: <https://chem.echa.europa.eu/100.003.974/overview>

<https://www.sigmaaldrich.com/GB/en/sds/supelco/48567>

Data source date: 03 Mar 2026

Hazard Statements: Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , PBT; EUH440

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

Description/Comments: Data from ECHACHEM; CLP submissions

SDS Sigma Aldrich v7.2 dated 25/12/2025

Data source: <https://chem.echa.europa.eu/100.005.376/overview>

<https://www.sigmaaldrich.com/GB/en/sds/aldrich/f807>

Data source date: 03 Mar 2026

Hazard Statements: Acute Tox. 4; H302 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , PBT; EUH440 , EUH441

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

Description/Comments: Data from ECHACHEM; CLP submissions
SDS Sigma Aldrich v7.2 dated 25/12/2025

Data source: <https://chem.echa.europa.eu/100.004.481/overview>
<https://www.sigmaaldrich.com/GB/en/sds/aldrich/185515>

Data source date: 03 Mar 2026

Hazard Statements: Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , PBT; EUH440 , EUH441

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

Description/Comments: Data from ECHACHEM database; CLP submissions
SDS Sigma Aldrich v6.8 dated 25/12/2025

Data source: <https://chem.echa.europa.eu/100.005.359/overview>
<https://www.sigmaaldrich.com/GB/en/sds/supelco/48499>

Data source date: 03 Mar 2026

Hazard Statements: Carc. 2; H351 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

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

Description/Comments: Data from ECHACHEM; CLP submissions; Sigma Aldrich SDS v7.1 dated 25/12/2025

Data source: <https://chem.echa.europa.eu/100.005.350/overview>
<https://www.sigmaaldrich.com/GB/en/sds/aldrich/b9009>

Data source date: 18 May 2026

Hazard Statements: Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , vPvB; EUH441 , PBT; EUH440

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

Description/Comments: Data from ECHACHEM; notifications <1% & outliers (H360, H413) ignored

Data source: <https://chem.echa.europa.eu/100.013.783/overview>

Data source date: 16 Mar 2026

Hazard Statements: Acute Tox. 4; H302 , Skin Sens. 1; H317 , Eye Irrit. 2; H319 , Resp. Sens. 1; H334

■ **barium sulphide** (EC Number: 244-214-4, CAS Number: 21109-95-5)

GB MCL index number: 016-002-00-X

Description/Comments:

Additional Hazard Statement(s): EUH031 >= 0.8 %

Reason for additional Hazards Statement(s):

20 Nov 2021 - EUH031 >= 0.8 % hazard statement sourced from:: WM3, Table C12.2

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

GB MCL index number: 601-023-00-4

Description/Comments: IARC considers ethylbenzene Group 2B; Possibly carcinogenic to humans;

Additional Hazard Statement(s): Carc. 2; H351

Reason for additional Hazards Statement(s):

03 Jun 2026 - Carc. 2; H351 hazard statement sourced from:: IARC Group 2B (77) 2000

■ **coronene** (EC Number: 205-881-7, CAS Number: 191-07-1)

Description/Comments: Data from ECHACHEM; CLP submissions;

Sigma Aldrich SDS v6.4 dated 23/12/2025

Data source: <https://chem.echa.europa.eu/100.005.348/overview>
<https://www.sigmaaldrich.com/GB/en/sds/aldrich/c84801>

Data source date: 03 Mar 2026

Hazard Statements: STOT SE 2; H371

■ **polychlorobiphenyls; PCB** (EC Number: 215-648-1, CAS Number: 1336-36-3)

GB MCL index number: 602-039-00-4

Description/Comments: Worst Case: IARC considers PCB Group 1; Carcinogenic to humans;

POP specific threshold from ATP1 (Regulation 756/2010/EU) to POPs Regulation (Regulation 850/2004/EC). Where applicable, the calculation method laid down in European standards EN 12766-1 and EN 12766-2 shall be applied.

Additional Hazard Statement(s): Carc. 1A; H350

Reason for additional Hazards Statement(s):

03 Jun 2026 - Carc. 1A; H350 hazard statement sourced from:: IARC Group 1 (23, Sup 7, 100C) 2012

■ **1,1,1,2-tetrachloroethane** (EC Number: 211-135-1, CAS Number: 630-20-6)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;

Sigma Aldrich SDS v6.6 dated 3/11/23

Data source: <https://chem.echa.europa.eu/100.010.124/overview>
<https://www.sigmaaldrich.com/GB/en/sds/sigald/t7209>

Data source date: 14 May 2026

Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 1; H310 , Skin Irrit. 2; H315 , Eye Dam. 1; H318 , Acute Tox. 3; H331 , Carc. 2; H351 , Aquatic Chronic 3; H412

• **1,3-dichloropropane** (EC Number: 205-531-3, CAS Number: 142-28-9)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
Sigma Aldrich SDS v6.2 dated 5/11/2025
Data source: <https://chem.echa.europa.eu/100.005.029/overview>
<https://www.sigmaaldrich.com/GB/en/sds/aldrich/d72204>
Data source date: 15 May 2026
Hazard Statements: Flam. Liq. 3; H226 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Aquatic Chronic 3; H412

• **1,2,3-trichlorobenzene** (EC Number: 201-757-1, CAS Number: 87-61-6)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
Sigma Aldrich SDS v6.3 dated 16/10/2024
Data source: <https://chem.echa.europa.eu/100.001.598/overview>
<https://www.sigmaaldrich.com/GB/en/sds/aldrich/t54402>
Data source date: 15 May 2026
Hazard Statements: Acute Tox. 4; H302 , Skin Sens. 1B; H317 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

• **2,2-dichloropropane** (EC Number: 209-832-0, CAS Number: 594-20-7)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
Sigma Aldrich SDS v6.2 dated 5/11/2025
Data source: <https://chem.echa.europa.eu/100.008.940/overview>
<https://www.sigmaaldrich.com/GB/en/sds/aldrich/258571>
Data source date: 15 May 2026
Hazard Statements: Flam. Liq. 2; H225 , Acute Tox. 4; H302 , Acute Tox. 4; H312 , Eye Irrit. 2; H319 , Acute Tox. 4; H332

• **bromochloromethane** (EC Number: 200-826-3, CAS Number: 74-97-5)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
Sigma Aldrich SDS v8.7 dated 11/03/2025
Data source: <https://chem.echa.europa.eu/100.000.752/overview>
<https://www.sigmaaldrich.com/GB/en/sds/supelco/442498>
Data source date: 15 May 2026
Hazard Statements: Acute Tox. 4; H312 , Skin Corr. 1B; H314 , Eye Dam. 1; H318 , Acute Tox. 4; H332 , STOT SE 3; H335 , Ozone 1; H420

• **bromodichloromethane** (EC Number: 200-856-7, CAS Number: 75-27-4)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
Sigma Aldrich SDS v6.5 dated 09/01/2024
Data source: <https://chem.echa.europa.eu/100.000.779/overview>
<https://www.sigmaaldrich.com/GB/en/sds/aldrich/139181>
Data source date: 15 May 2026
Hazard Statements: Acute Tox. 4; H302 , Skin Irrit. 2; H315 , Eye Dam. 1; H318 , STOT SE 3; H335 , Muta. 1B; H340 , Carc. 2; H351 , Repr. 1A; H360

• **n-butylbenzene** (EC Number: 203-209-7, CAS Number: 104-51-8)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
Sigma Aldrich SDS v6.2 dated 05/11/2025
Data source: <https://chem.echa.europa.eu/100.002.918/overview>
<https://www.sigmaaldrich.com/GB/en/sds/aldrich/b90203>
Data source date: 15 May 2026
Hazard Statements: Flam. Liq. 3; H226 , Asp. Tox. 1; H304 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

• **dibromochloromethane** (EC Number: 204-704-0, CAS Number: 124-48-1)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
Sigma Aldrich SDS v6.2 dated 05/11/2025
Data source: <https://chem.echa.europa.eu/100.004.277/overview>
<https://www.sigmaaldrich.com/GB/en/sds/aldrich/206326>
Data source date: 15 May 2026
Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 4; H312 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Acute Tox. 4; H332 , STOT SE 3; H335 , STOT SE 3; H336 , Muta. 2; H341 , Aquatic Chronic 2; H411

• **dichlorodifluoromethane** (EC Number: 200-893-9, CAS Number: 75-71-8)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
SIAD SDS v3.1 dated 06/03/2025
Data source: <https://chem.echa.europa.eu/100.000.813/overview>
https://www.siadmi.com/web/siad-poland/material-safety-data-sheet?p_p_id=com_liferay_sheet_portlet_SecuritySheetPortlet_INSTANCE_KD1oUobOQ5C2&p_p_lifecycle=2&p_p_state=normal&p_p_mode=view&p_p_cacheability=cacheLevelPage&_com_liferay_sheet_portlet_SecuritySheetPortlet_INSTANCE_KD1oUobOQ5C2_filename=00041_LIQ_EN.pdf&_com_liferay_sheet_portlet_SecuritySheetPortlet_INSTANCE_KD1oUobOQ5C2_initial=R
Data source date: 15 May 2026
Hazard Statements: Press. Gas; H280 , Aquatic Chronic 3; H412 , Ozone 1; H420

■ **hexachlorobutadiene** (EC Number: 201-765-5, CAS Number: 87-68-3)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
Sigma Aldrich SDS v8.0 dated 25/12/2025
Data source: <https://chem.echa.europa.eu/100.001.605/overview>
<https://www.sigmaaldrich.com/GB/en/sds/aldrich/112194>
Data source date: 15 May 2026
Hazard Statements: Acute Tox. 3; H301 , Acute Tox. 2; H310 , Skin Irrit. 2; H315 , Skin Sens. 1; H317 , Eye Irrit. 2; H319 , Acute Tox. 2; H330 , Carc. 2; H351 , STOT SE 2; H371 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

■ **sec-butylbenzene** (EC Number: 205-227-0, CAS Number: 135-98-8)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
Sigma Aldrich SDS v6.6 dated 05/11/2025
Data source: <https://chem.echa.europa.eu/100.004.752/overview>
<https://www.sigmaaldrich.com/GB/en/sds/aldrich/b90408>
Data source date: 15 May 2026
Hazard Statements: Flam. Liq. 3; H226 , Acute Tox. 4; H302 , Asp. Tox. 1; H304 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

■ **tert-butylbenzene** (EC Number: 202-632-4, CAS Number: 98-06-6)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
Sigma Aldrich SDS v8.6 dated 27/10/2023
Data source: <https://chem.echa.europa.eu/100.002.394/overview>
<https://www.sigmaaldrich.com/GB/en/sds/aldrich/b90602>
Data source date: 15 May 2026
Hazard Statements: Flam. Liq. 3; H226 , Asp. Tox. 1; H304 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Acute Tox. 3; H331 , STOT SE 3; H335 , Aquatic Chronic 2; H411

■ **trans-1,3-dichloropropene** (EC Number: 431-460-4, CAS Number: 10061-02-6)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
Sigma Aldrich SDS v10.0 dated 16/03/2026
Data source: <https://chem.echa.europa.eu/100.154.864/overview>
<https://www.sigmaaldrich.com/GB/en/sds/supelco/47793>
Data source date: 15 May 2026
Hazard Statements: Flam. Liq. 3; H226 , Acute Tox. 3; H301 , Asp. Tox. 1; H304 , Acute Tox. 3; H311 , Skin Irrit. 2; H315 , Skin Sens. 1; H317 , Eye Irrit. 2; H319 , Acute Tox. 4; H332 , STOT SE 3; H335 , Carc. 2; H351 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

■ **trichlorofluoromethane** (EC Number: 200-892-3, CAS Number: 75-69-4)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
Sigma Aldrich SDS v7.5 dated 25/12/2025
Data source: <https://chem.echa.europa.eu/100.000.812/overview>
<https://www.sigmaaldrich.com/GB/en/sds/supelco/48541>
Data source date: 15 May 2026
Hazard Statements: Acute Tox. 4; H312 , Ozone 1; H420

Appendix B: Rationale for selection of metal species

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

Worst case CLP species based on hazard statements/molecular weight and conversion factor for arsenic acid H₃AsO₄.

boron {boric acid; [1] boric acid; [2]}

Reasonable worst case CLP species based on hazard statements/molecular weight and assuming water is or has been present.

cadmium {cadmium sulfate}

Worst case CLP species based on hazard statements/molecular weight.

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

Worst case species based on hazard statements/molecular weight

copper {copper sulphate pentahydrate}

Worst case CLP species based on hazard statements/molecular weight.

lead {lead chromate}

Worst case CLP species based on hazard statements/molecular weight

mercury {mercury dichloride}

Reasonable worst case CLP species based on hazard statements/molecular weight and assuming no evidence for the use of explosives.

nickel {nickel dibromate}

Worst case CLP species based on hazard statements/molecular weight.

selenium {nickel selenate}

Worst case CLP species based on hazard statements/molecular weight

zinc {zinc chromate}

Worst case CLP species based on hazard statements/molecular weight

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

worst case

antimony {antimony trioxide}

Worst case CLP species based on hazard statements/molecular weight and low solubility. Industrial sources include: flame retardants in electrical apparatus, textiles and coatings

barium {barium sulphide}

Worst case CLP species based on hazard statements/molecular weight is barium chromate. Insufficient chromium to form barium chromate, so next reasonable worst case species selected.

molybdenum {molybdenum(VI) oxide}

Worst case CLP species based on hazard statements/molecular weight

Appendix C: Version

HazWasteOnline Classification Engine: **WM3 1st Edition v1.2.GB - Oct 2021**

HazWasteOnline Classification Engine Version: 2026.223.7324.7700c83 (11 Aug 2026)

HazWasteOnline Database: 2026.223.7324.7700c83 (11 Aug 2026)

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

GB MCL List v6.0 - version 6.0 of 15th February 2025

GB MCL List v7.0 - version 7.0 of 23rd September 2025