

The Restriction of Hazardous Substances in Electrical and Electronic Equipment, RoHS
 EU. Restricted Substances Referred to in Article 4(1) (Annex II), Directive 2011/65/EU (RoHS), as amended
 更新日期：22 July 2019

項次	類別	物質名稱(中文)	物質名稱(英文)	CAS No.	要求限值(ppm) Threshold Limit(ppm)	管制等級
1	重金屬	鉛	Lead(Pb)	7439-92-1	1000	1
2		汞	Mercury (Hg)	7439-97-6	1000	1
3		鎘	Cadmium (Cd)	7440-43-9	100	1
4		六價鉻化合物	Hexavalent-Chromium (Cr6+) Compounds	-	1000	1
5	溴化阻燃劑	多溴聯苯醚(PBDEs)	PBDE (Polybrominated diphenylethers)	-	1000	1
6		多溴聯苯(PBBs)	Polybrominated biphenyls (PBB)	59536-65-1	1000	1
7	可塑劑	鄰苯二甲酸二(2-乙基己基)酯 (DEHP)	Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	1000	1
8		鄰苯二甲酸丁酯苯甲酯 (BBP)	Butyl benzyl phthalate (BBP)	85-68-7	1000	1
9		鄰苯二甲酸二丁酯 (DBP)	Dibutyl phthalate (DBP)	84-74-2	1000	1
10		鄰苯二甲酸二異丁酯 (DIBP)	Diisobutyl phthalate (DIBP)	84-69-5	1000	1

※ 實際取得的百分比值，是由限制物質的重量除以含有該物質的均質材料重量後再乘以100取得。

ROHS - Exemptions from Article 4(1) Restrictions, Annexes III

官網：https://echa.europa.eu/exemptions-art-4-restrictions-rohs?p_p_id=eucleflegislationlist_WAR_euclefportlet&p_p_lifecycle=0

更新日期：21 May 2024

項次	豁免項目	豁免物質	應用範圍及終止日期	
1	1	汞	單端螢光燈中所使用的汞含量不得超過 (每個燈)：	
2	1(a)	汞	一般照明用途 < 30 W : 2.5 mg	到期日：2023年2月24日
3	1(b)	汞	一般照明用途 ≥ 30 W 且 < 50 W : 3.5 mg	到期日：2023年2月24日
4	1(c)	汞	一般照明用途 ≥ 50 W 且 < 150 W : 5 mg	到期日：2023年2月24日
5	1(d)	汞	一般照明用途 ≥ 150 W: 15 mg	到期日：2023年2月24日
6	1(e)	汞	一般照明用途 · 結構為圓形或方形 · 且管直徑 ≤ 17 mm : 5 mg	到期日：2023年2月24日
7	1(f)-I	汞	主要發射紫外光譜的燈 : 5 mg	到期日：2027年2月24日
8	1(f)-II	汞	特殊用途 : 5 mg	到期日：2025年2月24日
9	1(g)	汞	一般照明用途 < 30 W · 壽命 ≥ 20000小時 : 3.5 mg	到期日：2023年8月24日
10	2(a)	汞	一般照明用途之直線型雙端螢光燈中所使用的汞含量不得超過 (每個燈管)：	
11	2(a)(1)	汞	一般壽命之三波長螢光燈 · 其管直徑 < 9 mm (例如T2) : 4 mg	到期日：2023年2月24日
12	2(a)(2)	汞	一般壽命之三波長螢光燈 · 其管直徑 ≥ 9 mm 且 ≤ 17 mm (例如T5) : 3 mg	到期日：2023年8月24日
13	2(a)(3)	汞	一般壽命之三波長螢光燈 · 其管直徑 > 17 mm 且 ≤ 28 mm (例如T8) : 3.5 mg	到期日：2023年8月24日
14	2(a)(4)	汞	一般壽命之三波長螢光燈 · 其管直徑 > 28 mm (例如T12) : 3.5	到期日：2023年2月24日
15	2(a)(5)	汞	長壽命(≥ 25000 小時)之三波長螢光燈: 5 mg	到期日：2023年2月24日
16	2(b)	汞	其他螢光燈中所使用的汞含量不得超過 (每個燈管)：	
17	2(b)(1)	汞	直線型磷酸鹽燈管 · 其管直徑 > 28 mm (例如T10 及 T12) : 10	到期日：2012年4月13日
18	2(b)(2)	汞	非直線型磷酸鹽燈管 (所有管直徑) : 15 mg	到期日：2016年4月13日
19	2(b)(3)	汞	非直線型三波長螢光燈 · 其管直徑 > 17 mm (例如T9) : 15 mg	到期日：2023年2月24日；小於10 mg : 2023年2月25日至2025年2月24日仍可使用
20	2(b)(4)-I	汞	其他一般照明及特殊用途之燈 (例如感應燈) : 15 mg	到期日：2025年2月24日
21	2(b)(4)-II	汞	主要於發射紫外光譜的燈 : 15 mg	到期日：2027年2月24日
22	2(b)(4)-III	汞	緊急照明燈 : 15 mg	到期日：2027年2月24日
23	3	汞	特殊用途之冷陰極螢光燈及外部電極螢光燈(CCFL 和 EEFL) 用於 2022 年 2 月 24 日之前投放市場的 EEE中所使用的汞含量不得超過 (每個燈管)：	
24	3(a)	汞	長度較短 (≤ 500 mm) : 3.5 mg	到期日：2025年2月24日
25	3(b)	汞	中等長度 (> 500 mm 且 ≤ 1500 mm) : 5 mg	到期日：2025年2月24日
26	3(c)	汞	長度較長 (> 1500 mm) : 13 mg	到期日：2025年2月24日
27	4(a)	汞	其他低壓放電燈中所使用的汞含量 (每個燈管) : 15 mg	到期日：2023年2月24日
28	4(a)-I	汞	低壓無磷塗層放電燈中的汞 · 該應用要求燈光譜輸出的主要範圍在紫外光譜內；每個燈最多可使用 15 mg 汞	到期日：2027年2月24日
29	4(b)	汞	一般照明用途高壓鈉(蒸氣)燈 · 其改進的演色性指數Ra > 80, P ≤ 105 W · 所使用的汞含量不得超過 (每個燈) : 16 mg	到期日：2027年2月24日
30	4(b)-I	汞	一般照明用途高壓鈉(蒸氣)燈 · 其改進的演色性指數Ra > 60, P ≤ 155 W · 所使用的汞含量不得超過 (每個燈) : 30 mg	到期日：2023年2月24日
31	4(b)-II	汞	一般照明用途高壓鈉(蒸氣)燈 · 其改進的演色性指數Ra > 60, 155 W < P ≤ 405 W · 所使用的汞含量不得超過 (每個燈) : 40 mg	到期日：2023年2月24日
32	4(b)-III	汞	一般照明用途高壓鈉(蒸氣)燈 · 其改進的演色性指數Ra > 60, P > 405 W · 所使用的汞含量不得超過 (每個燈) : 40 mg	到期日：2023年2月24日
33	4(c)	汞	其他一般照明用途高壓鈉(蒸氣)燈 · 所使用的汞含量不得超過 (每個燈)：	
34	4(c)-I	汞	P ≤ 155 W: 20mg	到期日：2027年2月24日
35	4(c)-II	汞	155 W < P ≤ 405 W: 25 mg	到期日：2027年2月24日
36	4(c)-III	汞	P > 405 W: 25 mg	到期日：2027年2月24日
37	4(d)	汞	高壓汞(蒸氣)燈 (HPMV) 的汞	到期日：2015年4月13日
38	4(e)	汞	金屬鹵化物燈 (MH) 中的汞	到期日：2027年2月24日
39	4(f)-I	汞	其他本附件未提及之特殊用途放電燈的汞x	到期日：2025年2月24日
40	4(f)-II	汞	要求輸出 ≥ 2000 流明 ANSI 的投影機中使用的高壓汞蒸氣燈中的	到期日：2027年2月24日
41	4(f)-III	汞	園藝照明用的高壓鈉蒸氣燈中的汞	到期日：2027年2月24日
42	4(f)-IV	汞	發出紫外光譜燈中的汞	到期日：2027年2月24日

43	4(g)	汞	用於標誌、裝飾或建築，以及專業照明和輕工藝術品的手工製作發光放電管(HLDTs)中的汞含量應受以下限制： (a) 暴露於20°C以下使用在戶外以及室內的照明設備，20mg/每電極對+0.3mg/燈管長度(cm)，不得超過80mg (b) 其他所有室內照明設備，15 mg/每電極對+0.24mg/燈管長度(cm)，不得超過80mg	到期日：2018年12月31日
44	5(a)	鉛	陰極射線管玻璃內的鉛含量	
45	5(b)	鉛	螢光管玻璃內的鉛含量不得超過其重量之0.2%	到期日: 2021年7月21日
46	6(a)	鉛	鉛為加工用途之鋼材及鍍鋅鋼的合金元素之一，含量不超過 0.35 %	到期日：
47				第 8 及 9 類：2021 年 7 月 21 日
48				第 8 類中體外診斷醫療設備：2023 年 7 月 21 日
49				第 9 類中工業監控設備及第 11 類：2024 年 7 月 21 日
50	6(a)-I	鉛	鉛為加工用途之鋼材的合金元素之一，含量不超過 0.35 %；在批次熱浸鍍鋅鋼材 (hot dip galvanized steel) 的鉛含量不超過 0.2 %	到期日： 第 1-7 及 10 類：2021 年 7 月 21 日
52	6(b)	鉛	鉛為鋁合金中的合金元素之一，鉛含量不超過 0.4 %	到期日：
53				第 8 及 9 類：2021 年 7 月 21 日
54				第 8 類中體外診斷醫療設備：2023 年 7 月 21 日
55				第 9 類中工業監控設備及第 11 類：2024 年 7 月 21 日
56	6(b)-I	鉛	來源為回收含鉛鋁廢料時，其鉛含量最高可達0.4%	到期日： 第 1-7 及 10 類：2021 年 7 月 21 日
57	6(b)-II	鉛	鉛用於加工用途之鋁合金，鉛含量不超過 0.4%	到期日：
58				第 1-7 及 10 類：2021 年 5 月 18 日
59				
60	6(c)	鉛	銅合金中的鉛含量不超過 4 %	到期日：
61				第 1-7 及 10 類：2021 年 7 月 21 日
62				第 8 及 9 類：2021 年 7 月 21 日
63				第 8 類中體外診斷醫療設備：2023 年 7 月 21 日
64				第 9 類中工業監控設備及第 11 類：2024 年 7 月 21 日
65	7(a)	鉛	高熔點鍍鋅鋼中的鉛(例如鉛含量 ≥ 85 %合金中的鉛)	到期日：
66				第 1-7 及 10 類(不包含附錄III 第24 項的應用)： 2021 年 7 月 21 日
67				第 8 及 9 類：2021 年 7 月 21 日
68				第 8 類中體外診斷醫療設備：2023 年 7 月 21 日
69				第 9 類中工業監控設備及第 11 類：2024 年 7 月 21 日
70	7(b)	鉛	用於伺服器、記憶體和存儲系統和交換、信號和傳輸，以及電信網路管理的網路基礎設施/設備中焊料的鉛	
71	7(c)-I	鉛	含鉛之玻璃或陶瓷的電器和電子元件，介電陶瓷電容器除外，例如：壓電器件(piezoelectronic devices)或玻璃或陶瓷基複合材料	到期日：
72				第 1-7 及 10 類(不包含附錄III 第34 項的應用)： 2021 年 7 月 21 日
73				第 8 及 9 類：2021 年 7 月 21 日
74				第 8 類中體外診斷醫療設備：2023 年 7 月 21 日
75				第 9 類中工業監控設備及第 11 類：2024 年 7 月 21 日
76	7(c)-II	鉛	額定電壓為AC 125 V 或DC 250 V 或更高之介電陶瓷電容器中的鉛不適用於本附件第7(c)-I和7(c)-IV項所涵蓋的應用範圍。	到期日：
77				第 1-7 及 10 類：2021 年 7 月 21 日
78				第 8 及 9 類 (不包含體外診斷醫療設備和工業監控設備)：2021 年 7 月 21 日
79				第 8 類中體外診斷醫療設備：2023 年 7 月 21 日
80		第 9 類中工業監控設備及第 11 類：2024 年 7 月 21 日		
81	7(c)-III	鉛	額定電壓小於125 V AC或250 V DC之介電陶瓷電容器中的鉛	到期日：2013年1月1日
82				之後僅能單獨作為電子電機產品 (在2013年1月1前投放市場) 之備用零件
83	7(c)-IV	鉛	積體電路或分立半導體 (discrete semiconductors) 之電容為PZT 系介電陶瓷材料中含的鉛	到期日：
84				第 1-7 及 10 類：2021 年 7 月 21 日
85				第 8 及 9 類 (不包含體外診斷醫療設備和工業監控設備)：2021 年 7 月 21 日
86				第 8 類中體外診斷醫療設備：2023 年 7 月 21 日
87				第 9 類中工業監控設備及第 11 類：2024 年 7 月 21 日
88	8(a)	鎳	可用於溫度保險絲中的鎳及鎳化合物	到期日：2012年1月1日，之後僅能單獨作為電子電機產品 (在2012年1月1前投放市場) 之備用零件
89				適用於第8, 9及11類產品，到期日：

90	8(b)	鎳	可用於電子接點中的鎳及鎳化合物	第 8 及 9 類 (不包含體外診斷醫療設備和工業監控設備) : 2021 年 7 月 21 日
91				第 8 類中體外診斷醫療設備 : 2023 年 7 月 21 日
92				第 9 類中工業監控設備及第 11 類 : 2024 年 7 月 21 日
93	8(b)-I	鎳	可用於下列項目的電子接點的鎳及鎳化合物 - 斷路器 - 熱敏控制裝置 - 熱電動機保護器 (thermal motor protectors) · (不包括全密封式熱電動機保護器) - 額定電壓的交流開關 : - 6A且為AC 250V以上或更高 ; 或 - 12A且為AC 125V以上或更高 - 直流開關為20A的且為DC 18 V以上 ; 和 - 使用於電源頻率 \geq 200 Hz的開關。	適用於第 1-7 及 10 類 · 到期日 : 2021 年 7 月 21 日
94	9	六價鉻	六價鉻作為吸收式冷藏櫃中之碳鋼冷卻系統中之抗腐蝕劑 · 其重量不超過冷卻溶液0.75%。	適用於第8、9和11類 · 到期日 :
95				第8 和 9類 : 2021年7月21日(體外診斷醫療設備、工業監視設備及控制設備除外)
96				第8類之體外診斷醫療設備 : 2023年7月21日
97				第9類之工業監控設備及控制設備 : 2024年7月21日
98	9(a)-I	六價鉻	六價鉻作為吸收式冷藏櫃(包含迷你酒吧型)中之碳鋼冷卻系統中之抗腐蝕劑 · 其重量不超過冷卻溶液0.75%-設計用於可完全或部分使用電加熱器、在固定運作條件下平均使用功率小於75 W	適用於第1-7類、第10類產品 · 到期日為2021年3月5日
99	9(a)-II	六價鉻	六價鉻作為吸收式冷藏櫃中之碳鋼冷卻系統中之抗腐蝕劑 · 其重量不超過冷卻溶液0.75% : - 設計用於可完全或部分使用電加熱器、在固定運作條件下平均使用功率大於或等於75 W。 - 設計用於操作時完全不使用電加熱器。	適用於第1-7類、第10類產品 · 到期日為2021年7月21日
100	9(a)-III	六價鉻	六價鉻作為空間和水加熱的氣體吸收式熱泵碳鋼密封迴路工作流體的防腐劑 · 其重量不超過冷卻溶液0.7%	適用於第1類 · 到期日為2026年12月31日
101	9(b)	鉛	用於冷暖空調設計 (HVACR) 中零部件的軸承外殼及其軸襯中的鉛	適用於第8、9及11類產品 · 到期日 :
102				第8類 體外診斷醫療設備 · 至2023/7/21
103				第9類 工業監視及控制儀器 及 第11類 · 至2024年7月21日
104				第8及9類的其他子類別 · 至2021年7月21日
105	9(b)-(I)	鉛	用於冷暖空調設計 (HVACR) · 其電力輸入功率等於或低於9 kW的含製冷劑密封渦輪式壓縮機的軸承外殼及其軸襯中的鉛	適用於第1類產品 · 到期日至2019年7月21日
106	11(a)	鉛	C-press順應針連接器系統中使用的鉛	僅能單獨作為電子電機產品 (在2010年9月24前投放市場) 之備用零件
107	11(b)	鉛	除了C-press之外其他他順應針連接系統中使用的鉛	到期日 : 2013年1月1日之後僅能單獨作為電子電機產品 (在2013年1月1前投放市場)
108	12	鉛	熱導槍釘模組C-ring 塗層中所用的鉛	僅能單獨作為電子電機產品 (在2010年9月24前投放市場) 之備用零件
109	13(a)	鉛	光學應用之白玻璃中的鉛	適用於所有產品類別 · 到期日 :
110				第8類 體外診斷醫療設備 · 至2023/7/21
111				第9類 工業監視及控制儀器 及 第11類 · 至2024年7月21日
112				所有其他類別及子類別 · 至2021年 7月21日
113	13(b)	鉛、鎳	濾光玻璃及用來當做反射率標準片玻璃中的鉛及鎳	適用於第8、9及11類產品 · 到期日 :
114				第8類 體外診斷醫療設備 · 至2023/7/21
115				第9類 工業監視及控制儀器 及 第11類 · 至2024年7月21日
116				第8及9類的其他子類別 · 至2021年7月21日
117	13(b)-(I)	鉛	離子色類型光學濾光玻璃中的鉛	適用於產品類別 第1~7及10類 · 到期日至2021年7月21日
118	13(b)-(II)	鎳	醒色域類型光學濾光玻璃中的鎳 ; 此附錄中第39項的應用除外	
119	13(b)-(III)	鉛、鎳	用於反射率標準片中的鎳及鉛	
120	14	鉛	微處理器針腳及封裝連接所使用含鉛量佔80%-85%的焊接劑(含有超過兩種成份)中的鉛	到期日 : 2011年1月1日 · 之後僅能單獨作為電子電機產品 (在2011年1月1前投放市場)
121	15	鉛	用於積體電路封裝製程中 · 為連接半導體晶片及載體 · 以完成電力連結的含鉛焊料	適用於第8、9及11類產品 · 到期日 :
122				第 8 及 9 類 (不包含體外診斷醫療設備和工業監控設備) : 2021 年 7 月 21 日
123				第 8 類中體外診斷醫療設備 : 2023 年 7 月 21 日
124				第 9 類中工業監控設備及第 11 類 : 2024 年 7 月 21 日

125	15(a)	鉛	任一符合以下條件，用於積體電路封裝製程中，為連接半導體晶片及載體，以完成電力連結的含鉛焊料： - 90nm或以上的半導體技術節點 (semiconductor technology node) - 晶片為300 mm ² 或以上的半導體技術節點 - 晶片為300 mm ² 或以上之堆疊式晶片(stacked die packages) 或300 mm ² 或以上的矽載板 (silicon interposers)	適用於第 1-7 及 10 類，到期日：2021 年 7 月 21 日
126	16	鉛	管狀白熾燈矽酸鹽塗層燈管中的鉛	到期日：2013年9月1日
127	17	鉛	專業複印設備用的高強度放電燈中作為發光劑的鹵化鉛	
128	18(a)	鉛	當放電燈被用作二氯化物列印、平版印刷、捕蟲器，以及含磷化學和含磷食物加工過程的專業燈時(例如SMS)，放電燈中的螢光粉觸媒劑的鉛(鉛含量1%以下)	到期日：2011年1月1日
129	18(b)	鉛	放電燈中的螢光粉，其鉛作為觸發源(activator)，(鉛含量等於或少於1%)，如日曬燈(tanning lamps)，其中含有如BSP (BaSi ₂ O ₅ :Pb)之螢光粉	到期日：
130				第 1-7 及 10 類：2021 年 7 月 21 日
131				第 8 及 9 類 (不包含體外診斷醫療設備和工業監控設備)：2021 年 7 月 21 日
132				第 8 類中體外診斷醫療設備：2023 年 7 月 21 日
133				第 9 類中工業監控設備及第 11 類：2024 年 7 月 21 日
134	18(b)-I	鉛	應用於醫療光療設備之放電燈中含有如BSP (BaSi ₂ O ₅ :Pb)之螢光粉，其鉛作為觸發源(activator) (鉛含量等於或少於1%) 適用於第5及第8類，不包含本附件IV第34項所涵蓋的應用範圍。	到期日：2021年7月21日
135	19	鉛	緊縮節能燈中作為汞的特定成分中PbBiSn-Hg及PbInSn-Hg中的鉛以及作為輔助汞合金中PbSn-Hg 中的鉛	到期日：2011年6月1日
136	20	鉛	液晶顯示器中焊接前後平版螢光燈基質的玻璃中的氧化鉛	到期日：2011年6月1日
137	21	鉛、鎳	用於玻璃瓷漆上印刷油墨所含的鉛及鎳，如硼矽酸鹽及鈉鈣玻璃	適用於第8, 9及11類產品，到期日：
138				第 8 及 9 類 (不包含體外診斷醫療設備和工業監控設備)：2021 年 7 月 21 日
139				第 8 類中體外診斷醫療設備：2023 年 7 月 21 日
140				第 9 類中工業監控設備及第 11 類：2024 年 7 月 21 日
141	21(a)	鎳	鎳用於提供濾光功能的彩印玻璃，使用於安裝在電子電器設備的顯示器和控制面板的發光應用 (lighting applications) 元件	適用於第 1-7 及 10 類 (不包含第21(b)及第39項所涵蓋的應用範圍)，到期日2021 年 7 月 21 日
142	21(b)	鎳	用於玻璃瓷漆上印刷油墨所含的鎳，如硼矽酸鹽及鈉鈣玻璃	適用於第 1-7 及 10 類 (不包含第21(a)及第39項所涵蓋的應用範圍)，到期日2021 年 7 月 21 日
143	21(c)	鉛	用於玻璃瓷漆上印刷油墨所含的鉛，除硼矽酸鹽玻璃外	適用於第 1-7 及 10 類，到期日2021 年 7 月 21 日
144	23	鉛	細間距零件之表面處理的鉛，但不包括間距等於或小於0.65mm	僅能單獨作為電子電機產品 (在2010年9月24前投放市場) 之備用零件
145	24	鉛	通孔盤狀及平面陣列陶瓷多層電容器焊料所含的鉛	到期日：
146				第 1-7 及 10 類：2021 年 7 月 21 日
147				第 8 及 9 類：2021 年 7 月 21 日
148				第 8 類中體外診斷醫療設備：2023 年 7 月 21 日
149				第 9 類中工業監控設備及第 11 類：2024 年 7 月 21 日
150	25	鉛	表面傳導式電子發射顯示器 (SED) 之構件，特別是密封玻璃和環狀玻璃，所用的氧化鉛	
151	26	鉛	藍黑燈管玻璃外罩所含的氧化鉛	到期日：2011年6月1日
152	27	鉛	在大功率揚聲器中作為轉換器焊料的鉛合金	到期日：2010年9月24日
153	29	鉛	在歐盟指令69/493/EEC附件I (第1、2、3及4類) 定義下之水晶玻璃中的鉛	到期日：
154				第 1-7 及 10 類：2021 年 7 月 21 日
155				第 8 及 9 類 (不包含體外診斷醫療設備和工業監控設備)：2021 年 7 月 21 日
156				第 8 類中體外診斷醫療設備：2023 年 7 月 21 日
157				第 9 類中工業監控設備及第 11 類：2024 年 7 月 21 日
158	30	鎳	用於位於音量大於或等於100分貝的大功率擴音器音圈上之電導體的電氣或機械焊點的鎳合金	
159	31	鉛	用於無汞平面螢光燈 (例如用於液晶顯示器、設計或工業照明) 的焊料中的鉛	
160	32	鉛	用於氬和氬鎢射管防護窗組件中密封玻璃材的氧化鉛	到期日：
161				第 1-7 及 10 類：2021 年 7 月 21 日
162				第 8 及 9 類 (不包含體外診斷醫療設備和工業監控設備)：2021 年 7 月 21 日
163				第 8 類中體外診斷醫療設備：2023 年 7 月 21 日
164				第 9 類中工業監控設備及第 11 類：2024 年 7 月 21 日
165	33	鉛	涉及電源變壓器中直徑100微米及以下細銅線所用焊料中的鉛	
166	34	鉛	金屬陶瓷微調電位計中的鉛	到期日：
167				第 1-7 及 10 類：2021 年 7 月 21 日
168				第 8 及 9 類：2021 年 7 月 21 日

169				第 8 類中體外診斷醫療設備：2023 年 7 月 21 日
170				第 9 類中工業監控設備及第 11 類：2024 年 7 月 21 日
171	36	汞	直流等離子顯示器中陰極濺射抑制劑中的汞，其含量不得超過30毫克/顯示器	
172				到期日：
173				第 1-7 及 10 類：2021 年 7 月 21 日
174	37	鉛	於硼酸鋅玻璃的高壓二極體電鍍層中的鉛	第 8 及 9 類（不包含體外診斷醫療設備和工業監控設備）：2021 年 7 月 21 日
175				第 8 類中體外診斷醫療設備：2023 年 7 月 21 日
176				第 9 類中工業監控設備及第 11 類：2024 年 7 月 21 日
177	38	鎘	用於鋁結合氧化鋁的厚膜漿料中的鎘和氧化鎘	
178	39(a)	鎘	用於顯示光源應用中的降頻鎘基半導體奈米晶體量子點中的碲化鎘(鎘在每平方毫米的顯示螢幕區域小於0.2 µg)	所有類別均為 2025年11月21日
179	39(b)	鎘	直接沉積在用於顯示和投影應用的LED半導體晶片上的降頻半導體奈米晶體量子點中的鎘(鎘在每平方毫米的LED晶片表面小於5 µg) · 每個設備的最大含量為1 mg	所有類別均為 2027年12月31日
180	40	鎘	專業音響設備中類比光耦合器的光敏電阻器中的鎘	到期日：2013年12月31日
181				到期日：
182				第1 至7、10 和 11類：2022年3月31日
183	41	鉛	使用於點火模組和其他電子電氣發動機控制系統中，電子電氣元件的焊料和最終表面材料以及使用於印刷電路板表面材料中的鉛，由於技術方面的原因，必須是直接安裝在手持式內燃機中的曲軸箱或氣缸（歐盟指令97/68/EC中被列為SH:1、SH:2、SH:3類別的）。	第8 和 9類：2021年7月21日(體外診斷醫療設備、工業監視設備及控制設備除外)
184				第8類之體外診斷醫療設備：2023年7月21日
185				第9類之工業監控設備及控制設備：2024年7月21日
186	42	鉛	適用於非道路專業用途設備的柴油或氣體燃料動力內燃機的軸承和襯套中的鉛： - 發動機總排量≥15升；或 - 發動機總排量<15升，發動機設計用於需要啟動和滿載之間的時間小於10秒；或長期使用於惡劣和骯髒的戶外環境中，例如採礦、建築和農業應用。適用於第11類，不包含本附件第6 (c) 項所涵蓋的應用範圍。	到期日：2024年7月21日
187	43	DEHP	發動機橡膠組件中的鄰苯二甲酸二(2-乙基己基)酯 (DEHP)，設計用於非專用於消費者的設備，且其部件不與人體粘膜接觸或長時間與人體皮膚接觸，其DEHP的濃度不超過： "(a) 30%(w/w)，針對以下橡膠件 (i) 墊片塗層 (ii) 固體橡膠墊片；或 (iii) 橡膠組件中至少有三個零組件是使用電能、機械能或液壓能驅動，並連接至發動機。" (b) 10%(w/w)，不屬於上述 (a) 的橡膠零組件。 上述“與人體皮膚的長時間接觸”是指持續時間超過10分鐘的連續接觸或每天30分鐘的間歇性接觸。	適用於第11類。
188	44	鉛	在歐洲議會和理事會法規(EU)2016/1628定義範圍內的內燃機感應器、執行器和發動機控制單元中的焊錫中的鉛，安裝在固定位置使用的設備，為專業人士設計，但也供非專業用戶使用。	適用於第11類。到期日：2024年7月21日
189	45	鉛	使用於民用(專業)炸藥之電子引爆器中的疊氮化鉛(lead diazide) · 中性斯蒂芬酸鉛(lead styphnate) · 二苦氨酸鉛(lead dipicramate) · 四氧化鉛(orange lead (lead tetroxide)) · 二氧化鉛(lead dioxide)以及民用(專業)炸藥之電子引爆器中作為長時煙火爆破延時藥劑(long time pyrotechnic delay charges)的鉍酸銀(barium chromate)	適用於第11類。到期日：2026年4月20日
190	46	鎘/鉛	用於電氣電子門窗且含有聚氯乙烯廢料(“recovered rigid PVC”，以下簡稱“回收硬質PVC”)製成之塑膠材料，其中回收硬質PVC材料中鎘的濃度不超過0.1%(重量計)，鉛的濃度不超過1.5%(重量計)。自2026年5月28日起，從電氣電子門窗中回收的硬質PVC僅可用於製造符合歐盟法規(EC) No 1907/2006 附錄XVII第63條 18(a)至(d)項規定類別的新產品。對於含有鉛濃度等於或超過0.1%(重量計)的回收硬質PVC的PVC產品供應商，應確保在將這些產品投放市場之前，它們被清晰、易讀且不可磨滅地標記：“Contains 0.1 % lead”。如果由於產品的性質而無法在產品上提供標記，則該標記在產品的包裝上。PVC產品供應商應在國家執法機構要求時，提交書面證據，以證明這些產品中回收硬質PVC的來源。提供可追溯性和回收成分證明的計劃頒發的證書(例如根據 EN 15343:2007 或等效認可標準開發的證書)來證明在歐盟生產的PVC產品上的相關主張。對於進口產品中硬質PVC源的回收聲明應附上由獨立第三方頒發的同等可追溯性和再生含量證明的證書。	適用於第11類。到期日：2028年5月28日

Candidate List of SVHC for authorisation

官網 : <https://echa.europa.eu/candidate-list-table>

更新日期 : 4 Feb 2026

Item	Substance name	CAS No.
1	n-hexane正己烷	110-54-3
2	4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]diphenol and its salts	-
3	1,1-(ethane-1,2-diyl)bis[pentabromobenzene](DBDPE)	84852-53-9
4	1,1,1,3,5,5,5-heptamethyl-3-[(trimethylsilyl)oxy]trisiloxane	17928-28-8
5	Decamethyltetrasiloxane (L4)	141-62-8
6	Reactive Brown 51	
7	6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid	2156592-54-8
8	O,O,O-triphenyl phosphorothioate	597-82-0
9	Octamethyltrisiloxane	107-51-7
10	Perfluamine	338-83-0
11	Reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	192268-65-8
12	Triphenyl Phosphate	115-86-6
13	Bis(α,α -dimethylbenzyl) peroxide	80-43-3
14	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	-
15	Phenol, methylstyrenated	68512-30-1
16	Bumetrizole (UV-326)	3896-11-5
17	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4
18	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)	3147-75-9
19	2,4,6-tri-tert-butylphenol	732-26-3
20	diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8
21	bis(4-chlorophenyl) sulphone	80-07-9
22	reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	-
23	Perfluoroheptanoic acid and its salts	-
24	Ammonium perfluoroheptanoate	6130-43-4
25	potassium perfluoroheptanoate	21049-36-5
26	Perfluoroheptanoic acid	375-85-9
27	Sodium perfluoroheptanoate	20109-59-5

28	Melamine	108-78-1
29	Isobutyl 4-hydroxybenzoate	4247-02-3
30	bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	-
31	Bis(2-ethylhexyl) tetrabromophthalate	26040-51-7
32	Barium diboron tetraoxide	13701-59-2
33	4,4'-sulphonyldiphenol	80-09-1
34	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7
35	1,1'-[ethane-1,2-diylbisoxo]bis[2,4,6-tribromobenzene]	37853-59-1
36	N-(hydroxymethyl)acrylamide	924-42-5
37	tris(2-methoxyethoxy)vinylsilane	1067-53-4
38	S-(tricyclo(5.2.1.0 ² .6)deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	255881-94-8
39	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1
40	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	-
41	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one	36861-47-9
42	(3E)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	1782069-81-1
43	(1R,3E,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	95342-41-9
44	(1S,3E,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	852541-30-1
45	(1R,3Z,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	852541-21-0
46	(1R,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	741687-98-9
47	(1S,3Z,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	852541-25-4
48	Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	-
49	Phenol, dodecyl-, branched	121158-58-5
50	Phenol, (tetrapropenyl) derivatives	74499-35-7
51	Phenol, tetrapropylene-	57427-55-1
52	Phenol, 4-dodecyl, branched	210555-94-5
53	4-isododecylphenol	27459-10-5
54	Phenol, 4-isododecyl-	27147-75-7
55	orthoboric acid, sodium salt	-
56	Boric acid, sodium salt	1333-73-9
57	Orthoboric acid, sodium salt	13840-56-7
58	boric acid (H3BO3), sodium salt, hydrate	25747-83-5

59	boric acid (H3BO3), sodium salt (1:1)	14890-53-0
60	Boric acid (H3BO3), disodium salt	22454-04-2
61	Trisodium orthoborate	14312-40-4
62	Medium-chain chlorinated paraffins (MCCP)	-
63	Alkanes, C14-17, chloro	85535-85-9
64	Tetradecane, chloro derivs.	198840-65-2
65	Alkanes, C14-16, chloro	1372804-76-6
66	di-, tri- and tetrachlorotetradecane	-
67	glutaral	111-30-8
68	4,4'-(1-methylpropylidene)bisphenol	77-40-7
69	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	-
70	(2R)-3-(4-tert-butylphenyl)-2-methylpropanal	75166-31-3
71	2-(4-tert-butylbenzyl)propionaldehyde	80-54-6
72	(2S)-3-(4-tert-butylphenyl)-2-methylpropanal	75166-30-2
73	2,2-bis(bromomethyl)propane-1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA)	-
74	2,2-dimethylpropan-1-ol, tribromo derivative (TBNPA)	36483-57-5
75	3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA)	1522-92-5
76	2,2-bis(bromomethyl)propane-1,3-diol (BMP)	3296-90-0
77	2,3-dibromo-1-propanol (2,3-DBPA)	96-13-9
78	1,4-dioxane	123-91-1
79	Dioctyltin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety	-
80	Dioctyltin dilaurate	3648-18-8
81	dioctyltin dilaurate; stannane, dioctyl-, bis(coco acyloxy) derivs.	-
82	Stannane, dioctyl-, bis(coco acyloxy) derivs.	91648-39-4
83	Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8
84	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4
85	Butyl 4-hydroxybenzoate	94-26-8
86	2-methylimidazole	693-98-1
87	1-vinylimidazole	1072-63-5
88	Perfluorobutane sulfonic acid (PFBS) and its salts	-
89	Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate	29420-49-3
90	Ammonium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate	68259-10-9
91	1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonic acid	375-73-5
92	magnesium perfluorobutanesulfonate	507453-86-3
93	lithium perfluorobutanesulfonate	131651-65-5
94	N,N,N-triethylethanaminium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonate	25628-08-4
95	bis(4-t-butylphenyl)iodonium perfluorobutanesulfonate	194999-85-4
96	tetrabutyl-phosponium nonafluoro-butane-1-sulfonate	220689-12-3

97	dimethyl(phenyl)sulfanium perfluorobutanesulfonate	220133-51-7
98	1-(4-butoxy-1-naphthalenyl)tetrahydrothiophenium 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate	-
99	Triphenylsulfanium perfluorobutane sulfonate	144317-44-2
100	morpholinium perfluorobutanesulfonate	503155-89-3
101	Diisohexyl phthalate	71850-09-4
102	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
103	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
104	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-
105	tris(nonylphenyl) phosphite	26523-78-4
106	tris(4-nonylphenyl, branched) phosphite	-
107	Phenol, 4-nonyl-, phosphite (3:1)	3050-88-2
108	Phenol, p-sec-nonyl-, phosphite	106599-06-8
109	Phenol, p-isononyl-, phosphite (3:1)	31631-13-7
110	4-tert-butylphenol	98-54-4
111	2-methoxyethyl acetate	110-49-6
112	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides	-
113	potassium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionate	67118-55-2
114	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid	13252-13-6
115	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionyl fluoride	2062-98-8
116	ammonium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate	62037-80-3
117	Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (+)-	75579-39-4
118	Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (-)-	75579-40-7
119	Pyrene	129-00-0
120	Phenanthrene	85-01-8
121	Fluoranthene	206-44-0
122	Benzo[k]fluoranthene	207-08-9
123	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6
124	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	15087-24-8
125	Terphenyl, hydrogenated	61788-32-7
126	Octamethylcyclotetrasiloxane	556-67-2
127	Lead	7439-92-1
128	Ethylenediamine	107-15-3
129	Dodecamethylcyclohexasiloxane	540-97-6
130	Disodium octaborate	12008-41-2
131	Dicyclohexyl phthalate	84-61-7
132	Decamethylcyclopentasiloxane	541-02-6
133	Benzo[ghi]perylene	191-24-2
134	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride	552-30-7
135	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)	-

136	Formaldehyde, reaction products with branched and linear heptylphenol, carbon disulfide and hydrazine	93925-00-9
137	Reaction product of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and phenol, heptyl derivs.	1471311-26-8
138	Chrysene	218-01-9
139	Cadmium nitrate	10325-94-7
140	Cadmium hydroxide	21041-95-2
141	Cadmium carbonate	513-78-0
142	Benz[a]anthracene	56-55-3
143	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)	-
144	(1S,2S,5R,6R,9S,10S,13R,14R)-1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene	135821-03-3
145	(1R,2S,5R,6R,9S,10S,13R,14R)-1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene	13560-89-9
146	(1S,2S,5S,6S,9R,10R,13R,14R)-1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene	135821-74-8
147	rel-(1R,4S,4aS,6aR,7R,10S,10aS,12aR)-1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-1,4:7,10-dimethanodibenzo[a,e]cyclooctene	-
148	rel-(1R,4S,4aS,6aS,7S,10R,10aR,12aR)-1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-1,4:7,10-dimethanodibenzo[a,e]cyclooctene	-
149	Perfluorohexane-1-sulphonic acid and its salts	-
150	perfluorohexane-1-sulphonic acid	355-46-4
151	ammonium perfluorohexane-1-sulphonate	68259-08-5
152	tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1)	70225-16-0
153	potassium perfluorohexane-1-sulphonate	3871-99-6
154	Ethanaminium, N-[4-[[4-(diethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-ethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1310480-24-0
155	Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1310480-27-3
156	Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(phenylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1310480-28-4
157	Beta-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-)(1:1)	1329995-45-0
158	Gamma-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-)(1:1)	1329995-69-8
159	Sulfonium, triphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	144116-10-9
160	Quinolinium, 1-(carboxymethyl)-4-[2-[4-[4-(2,2-diphenylethenyl)phenyl]-1,2,3,3a,4,8b-hexahydrocyclopent[b]indol-7-yl]ethenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1462414-59-0

161	Iodonium, diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	153443-35-7
162	Methanaminium, N,N,N-trimethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1)	189274-31-5
163	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd.with 2-methyl-2-propanamine (1:1)	202189-84-2
164	Iodonium, bis[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	213740-81-9
165	Sulfonium, bis(4-methylphenyl)phenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	341548-85-4
166	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, scandium(3+) salt (3:1)	350836-93-0
167	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, neodymium(3+) salt (3:1)	41184-65-0
168	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, yttrium(3+) salt (3:1)	41242-12-0
169	Sulfonium, (thiodi-4,1-phenylene)bis[diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:2)	421555-73-9
170	Iodonium, bis[4-(1,1-dimethylpropyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic	421555-74-0
171	Sulfonium, tris[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	425670-70-8
172	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, lithium salt (1:1)	55120-77-9
173	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, zinc salt	70136-72-0
174	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with N,N-diethylethanamine (1:1)	72033-41-1
175	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, sodium salt	82382-12-5
176	Iodonium, bis[(1,1-dimethylethyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1) (9CI)	866621-50-3
177	Sulfonium, (4-methylphenyl)diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	910606-39-2
178	Sulfonium, [4-[(2-methyl-1-oxo-2-propen-1-yl)oxy]phenyl]diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	911027-68-4
179	Sulfonium, [4-[(2-methyl-1-oxo-2-propenyl)oxy]phenyl]diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1), polymer with 2-ethyltricyclo[3.3.1.1 ^{3,7}]dec-2-yl 2-methyl-2-propenoate, 3-hydroxytricyclo[3.3.1.1 ^{3,7}]dec-1-yl 2-methyl-2-propenoate and tetrahydro-2-oxo-3-furanyl 2-methyl-2-propenoate	911027-69-5
180	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, cesium salt (1:1)	92011-17-1
181	Dibenzo[k,n][1,4,7,10,13]tetraoxathiacyclopentadecinium, 19-[4-(1,1-dimethylethyl)phenyl]-6,7,9,10,12,13-hexahydro-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	928049-42-7
182	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. With pyrrolidine (1:1)	1187817-57-7
183	N,N,N-triethylethanaminium tridecafluorohexane-1-sulfonate	108427-55-0
184	N,N,N-tributylbutan-1-aminium tridecafluorohexane-1-sulfonate	108427-54-9
185	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
186	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, gallium salt (9CI)	341035-71-0

187	p-(1,1-dimethylpropyl)phenol	80-46-6
188	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	-
189	Nonadecafluorodecanoic acid	335-76-2
190	sodium nonadecafluorodecanoate	3830-45-3
191	Ammonium nonadecafluorodecanoate	3108-42-7
192	4-heptylphenol, branched and linear	-
193	4-heptylphenol	1987-50-4
194	Phenol, heptyl derivs.	72624-02-3
195	4-(3-ethylpentan-3-yl)phenol	37872-24-5
196	4-(2-methylhexan-2-yl)phenol	30784-31-7
197	4-(3,3-dimethylpentan-2-yl)phenol	911371-06-7
198	4-(3-methylhexan-2-yl)phenol	854904-93-1
199	4-(4,4-dimethylpentan-2-yl)phenol	911371-07-8
200	4-(4-methylhexan-2-yl)phenol	71945-81-8
201	4-(5-methylhexan-2-yl)phenol	857629-71-1
202	4-(2,2-dimethylpentan-3-yl)phenol	861010-65-3
203	Phenol, 4-(1-ethyl-1,2-dimethylpropyl)-	30784-27-1
204	4-(heptan-3-yl)phenol	6465-74-3
205	4-(heptan-2-yl)phenol	6863-24-7
206	4-(heptan-4-yl)phenol	6465-71-0
207	4-(3-ethylpentyl)phenol	911370-98-4
208	4-(3-methylhexyl)phenol	102570-52-5
209	4-(4-methylhexyl)phenol	1139800-98-8
210	4-(5-methylhexyl)phenol	100532-36-3
211	4-(2,4-dimethylpentan-3-yl)phenol	1824346-00-0
212	Phenol, 4-tert-heptyl-	288864-02-8
213	4-(2,3-dimethylpentan-2-yl)phenol	861011-60-1
214	4-(3-methylhexan-3-yl)phenol	30784-32-8
215	4-(2,4-dimethylpentan-2-yl)phenol	33104-11-9
216	4-(2,3,3-trimethylbutan-2-yl)phenol	72861-06-4
217	4-(5-methylhexan-3-yl)phenol	854904-92-0
218	4,4'-isopropylidenediphenol	80-05-7
219	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8
220	Perfluorononan-1-oic-acid and its sodium and ammonium salts	-
221	Perfluorononan-1-oic-acid	375-95-1
222	Sodium salts of perfluorononan-1-oic-acid	21049-39-8
223	Ammonium salts of perfluorononan-1-oic-acid	4149-60-4
224	Nitrobenzene	98-95-3
225	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3
226	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1
227	1,3-propanesultone	1120-71-4
228	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2]	-

229	Reaction mass of 5-[(2R)-butan-2-yl]-2-[(1R,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2R)-butan-2-yl]-2-[(1R,6R)-4,6-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2S)-butan-2-yl]-2-[(1R,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2S)-butan-2-yl]-2-[(1S,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2S)-butan-2-yl]-2-[(1S,6R)-4,6-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane	-
230	1,3-Dioxane, 2-[(1S,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-	676367-06-9
231	5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane	-
232	Reaction mass of 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane and 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane	-
233	1,3-Dioxane, 2-(2,4-dimethyl-3-cyclohexen-1-yl)-5-methyl-5-(1-methylpropyl)-	117933-89-8
234	1,3-Dioxane, 2-(2,4-dimethyl-3-cyclohexen-1-yl)-5-methyl-5-(1-methylpropyl)-	186309-28-4
235	1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-	676367-05-8
236	1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-rel-	343934-04-3
237	1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-	676367-09-2
238	1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-rel-	343934-05-4
239	1,3-Dioxane, 2-[(1R,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-	676367-04-7
240	1,3-Dioxane, 2-[(1R,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-	676367-08-1
241	1,3-Dioxane, 2-[(1S,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-	676367-03-6
242	1,3-Dioxane, 2-[(1S,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-	676367-07-0
243	1,3-Dioxane, 2-[(1S,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-	676367-02-5
244	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane	-
245	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters	-
246	1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters	68648-93-1
247	1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters	68515-51-5
248	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	-
249	Cadmium sulphate	0124-36-4, 31119-53-
250	Cadmium fluoride	7790-79-6

251	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1
252	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7
253	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
254	Sodium peroxometaborate	7632-04-4
255	Sodium perborate, perboric acid, sodium salt	-
256	Perboric acid, sodium salt, tetrahydrate ()	37244-98-7
257	Perboric acid (HBO(O ₂)), sodium salt, tetrahydrate	10486-00-7
258	Sodium perborate monohydrate	10332-33-9
259	Borate(2-), tetrahydroxybis[μ-(peroxy-κO1:κO2)]di-, sodium, hydrate (1:2:6)	125022-34-6
260	Borate(2-), tetrahydroxybis[μ-(peroxy-κO1:κO2)]di-, sodium (1:2)	90568-23-3
261	Perboric acid, sodium salt	11138-47-9
262	Perboric acid (H ₃ BO ₂ (O ₂)), monosodium salt, trihydrate	13517-20-9
263	Sodium perborate	15120-21-5
264	Cadmium chloride	10108-64-2
265	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4
266	Trixylyl phosphate	25155-23-1
267	Lead di(acetate)	301-04-2
268	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7
269	Disodium 4-amino-3'-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7
270	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0
271	Dihexyl phthalate	84-75-3
272	Cadmium sulphide	1306-23-6
273	Pentadecafluorooctanoic acid (PFOA)	335-67-1
274	Dipentyl phthalate (DPP)	131-18-0
275	Cadmium oxide	1306-19-0
276	Cadmium	7440-43-9
277	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1
278	4-Nonylphenol, branched and linear, ethoxylated	-
279	Nonylphenol, branched, ethoxylated	68412-54-4
280	4-Nonylphenol, ethoxylated	26027-38-3
281	Nonylphenol, ethoxylated	9016-45-9
282	Poly(oxy-1,2-ethanediyl), α-(nonylphenyl)-ω-hydroxy-, branched	-
283	Nonylphenol, ethoxylated (15-EO)	-
284	Nonylphenol, ethoxylated (10-EO)	-
285	2-[2-[2-[2-(4-nonylphenoxy)ethoxy]ethoxy]ethoxy]ethanol	7311-27-5
286	Nonylphenol, ethoxylated (6,5-EO)	-
287	Poly(oxy-1,2-ethanediyl), alpha -(nonylphenyl)-omega-hydroxy-, branched	-
288	2-[2-(4-nonylphenoxy)ethoxy]ethanol	20427-84-3
289	20-(4-nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol	27942-27-4
290	26-(4-Nonylphenoxy)-3,6,9,12,15,18,21,24- octaoxahexacosan -1-ol	14409-72-4
291	Nonylphenol, ethoxylated (8-EO)	-
292	2-{2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethoxy}ethanol	1119449-38-5
293	Nonylphenol, ethoxylated (polymer)	-
294	Nonylphenol, ethoxylated (EO = 4)	-
295	Nonylphenol, ethoxylated (EO = 10)	-
296	3,6,9,12-Tetraoxatetradecan-1-ol, 14-(4-nonylphenoxy)-, branched	91648-64-5

297	4-Nonylphenol, branched, ethoxylated	127087-87-0
298	4-Nonylphenol, branched, ethoxylated	-
299	17-(4-nonylphenoxy)-3,6,9,12,15-pentaoxaheptadecan-1-ol	34166-38-6
300	Isononylphenol, ethoxylated	37205-87-1
301	Poly(oxy-1,2-ethanediyl), α -(nonylphenyl)- ω -hydroxy-	-
302	2-(4-nonylphenoxy)ethanol	104-35-8
303	4-t-Nonylphenol-diethoxylate	156609-10-8
304	3,6,9,12-Tetraoxatetradecan-1-ol, 14-(4-nonylphenoxy)-	20636-48-0
305	3,6,9,12,15-Pentaoxaheptadecan-1-ol, 17-(nonylphenoxy)-	27177-01-1
306	2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethanol	1119449-37-4
307	Nonylphenolpolyglycolether	-
308	20-(isononylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol	65455-69-8
309	2-(isononylphenoxy)ethanol	85005-55-6
310	2-(nonylphenoxy)ethanol	27986-36-3
311	29-(nonylphenoxy)-3,6,9,12,15,18,21,24,27-nonaoxanonacosanol	27177-08-8
312	23-(nonylphenoxy)-3,6,9,12,15,18,21-heptaotricosan-1-ol	27177-05-5
313	20-(nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol	27177-03-3
314	2-[2-(nonylphenoxy)ethoxy]ethanol	27176-93-8
315	26-(nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxahexacosan-1-ol	26571-11-9
316	14-(nonylphenoxy)-3,6,9,12-tetraoxatetradecan-1-ol	26264-02-8
317	3,6,9,12,15,18,21,24,27-Nonaoxanonacosan-1-ol, 29-(isononylphenoxy)-	65455-72-3
318	26-(nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxahexacosan-1-ol	42173-90-0
319	44-(nonylphenoxy)-3,6,9,12,15,18,21,24,27,30,33,36,39,42-tetradecaoxatetracontanol	57321-10-5
320	Trilead dioxide phosphonate	12141-20-7
321	Trilead bis(carbonate) dihydroxide	1319-46-6
322	Tricosafuorododecanoic acid	307-55-1
323	Tetralead trioxide sulphate	12202-17-4
324	Tetraethyllead	78-00-2
325	Sulfurous acid, lead salt, dibasic	62229-08-7
326	Silicic acid, lead salt	11120-22-2
327	Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped	68784-75-8
328	Pyrochlore, antimony lead yellow	8012-00-8
329	Pentalead tetraoxide sulphate	12065-90-6
330	Pentacosafuorotridecanoic acid	72629-94-8
331	Orange lead (lead tetroxide)	1314-41-6
332	o-toluidine	95-53-4
333	o-aminoazotoluene	97-56-3
334	n-pentyl-isopentyl phthalate	776297-69-9
335	N-methylacetamide	79-16-3
336	N,N-dimethylformamide	68-12-2
337	Methyloxirane (Propylene oxide)	75-56-9
338	Methoxyacetic acid	625-45-6
339	Lead titanium zirconium oxide	12626-81-2
340	Lead titanium trioxide	12060-00-3
341	Lead oxide sulfate	12036-76-9
342	Lead monoxide (lead oxide)	1317-36-8
343	Lead dinitrate	10099-74-8
344	Lead cyanamidate	20837-86-9
345	Lead bis(tetrafluoroborate)	13814-96-5
346	Hexahydromethylphthalic anhydride	-
347	Hexahydro-1-methylphthalic anhydride	48122-14-1
348	Hexahydro-4-methylphthalic anhydride	19438-60-9

349	Hexahydromethylphthalic anhydride	25550-51-0
350	Hexahydro-3-methylphthalic anhydride	57110-29-9
351	Heptacosafuorotetradecanoic acid	376-06-7
352	Henicosafuoroundecanoic acid	2058-94-8
353	Furan	110-00-9
354	Fatty acids, C16-18, lead salts	91031-62-8
355	Dioxobis(stearato)trilead	12578-12-0
356	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7
357	Dimethyl sulphate	77-78-1
358	Diisopentyl phthalate	605-50-5
359	Diethyl sulphate	64-67-5
360	Dibutyltin dichloride (DBTC)	683-18-1
361	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	123-77-3
362	Cyclohexane-1,2-dicarboxylic anhydride	-
363	cis-cyclohexane-1,2-dicarboxylic anhydride	13149-00-3
364	trans-cyclohexane-1,2-dicarboxylic anhydride	14166-21-3
365	Cyclohexane-1,2-dicarboxylic anhydride	85-42-7
366	Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	1163-19-5
367	Biphenyl-4-ylamine	92-67-1
368	Acetic acid, lead salt, basic	51404-69-4
369	[Phthalato(2-)]dioxotrilead	69011-06-9
370	6-methoxy-m-toluidine (p-cresidine)	120-71-8
371	4-Nonylphenol, branched and linear	-
372	4-(1-ethyl-1-methylhexyl)phenol	52427-13-1
373	p-isononylphenol	26543-97-5
374	p-nonylphenol	104-40-5
375	p-(1-methyloctyl)phenol	17404-66-9
376	Phenol, 4-nonyl-, branched	84852-15-3
377	4-(1-Ethyl-1,3-dimethylpentyl)phenol	186825-36-5
378	4-(1-Ethyl-1,4-dimethylpentyl)phenol	142731-63-3
379	p-(1,1-dimethylheptyl)phenol	30784-30-6
380	4-(3-ethylheptan-2-yl)phenol	186825-39-8
381	Nonylphenol	25154-52-3
382	Isononylphenol	11066-49-2
383	4-(1,1,5-Trimethylhexyl)phenol	521947-27-3
384	Phenol, nonyl-, branched	90481-04-2
385	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7
386	4-aminoazobenzene	60-09-3
387	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated	-
388	20-[4-(1,1,3,3-tetramethylbutyl)phenoxy]-3,6,9,12,15,18-hexaoxaicosan-1-ol	2497-59-8
389	Poly(oxy-1,2-ethanediyl), α -[(1,1,3,3-tetramethylbutyl)phenyl]- ω -hydroxy-	9036-19-5
390	2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]ethanol	2315-67-5
391	2-[2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]ethoxy]ethanol	2315-61-9
392	Polyethylene glycol p-(1,1,3,3-tetramethylbutyl)phenyl ether	9002-93-1
393	4,4'-oxydianiline and its salts	-
394	4,4'-oxydianiline	101-80-4
395	4,4'-methylenedi-o-toluidine	838-88-0
396	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2
397	1-bromopropane (n-propyl bromide)	106-94-5
398	1,2-diethoxyethane	629-14-1
399	1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	84777-06-0

400	α,α -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0
401	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1
402	Lead(II) bis(methanesulfonate)	17570-76-2
403	Formamide	75-12-7
404	Diboron trioxide	1303-86-2
405	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Blue 26)	2580-56-5
406	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9
407	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8
408	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1
409	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β -TGIC)	59653-74-6
410	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9
411	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2
412	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4
413	Zirconia Aluminosilicate Refractory Ceramic Fibres	-
414	Refractories, fibers, aluminosilicate	142844-00-6
415	Trilead diarsenate	3687-31-8
416	Potassium hydroxyoctaoxodizincatedichromate	11103-86-9
417	Phenolphthalein	77-09-8
418	Pentazinc chromate octahydroxide	49663-84-5
419	N,N-dimethylacetamide	127-19-5
420	Lead styphnate	15245-44-0
421	Lead dipicrate	6477-64-1
422	Lead diazide, Lead azide	13424-46-9
423	Formaldehyde, oligomeric reaction products with aniline	25214-70-4
424	Dichromium tris(chromate)	24613-89-6
425	Calcium arsenate	7778-44-1
426	Bis(2-methoxyethyl) phthalate	117-82-8
427	Bis(2-methoxyethyl) ether	111-96-6
428	Arsenic acid	7778-39-4
429	Aluminosilicate Refractory Ceramic Fibres	-
430	Refractories, fibers, aluminosilicate	-
431	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9
432	2-Methoxyaniline, o-Anisidine	90-04-0
433	2,2'-dichloro-4,4'-methylenedianiline	101-14-4
434	1,2-dichloroethane	107-06-2
435	Strontium chromate	7789-06-2
436	Hydrazine	302-01-2, 7803-57-8
437	2-ethoxyethyl acetate	111-15-9
438	1-Methyl-2-pyrrolidone (NMP)	872-50-4
439	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4
440	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6
441	1,2,3-trichloropropane	96-18-4
442	Cobalt(II) sulphate	10124-43-3
443	Cobalt(II) dinitrate	10141-05-6
444	Cobalt(II) diacetate	71-48-7
445	Cobalt(II) carbonate	513-79-1
446	Chromium trioxide	1333-82-0

447	Acids generated from chromium trioxide and their oligomers	-
448	Dichromic acid	13530-68-2
449	Oligomers of chromic acid and dichromic acid	-
450	Chromic acid	7738-94-5
451	2-methoxyethanol	109-86-4
452	2-ethoxyethanol	110-80-5
453	Trichloroethylene	79-01-6
454	Tetraboron disodium heptaoxide, hydrate	12267-73-1
455	Sodium chromate	7775-11-3
456	Potassium dichromate	7778-50-9
457	Potassium chromate	7789-00-6
458	Disodium tetraborate, anhydrous	12179-04-3
459	Disodium tetraborate, anhydrous	1303-96-4
460	Disodium tetraborate, anhydrous	1330-43-4
461	Boric acid	-
462	Boric acid, crude natural	11113-50-1
463	Boric acid	10043-35-3
464	Ammonium dichromate	7789-09-5
465	Acrylamide	79-06-1
466	Tris(2-chloroethyl) phosphate	115-96-8
467	Pitch, coal tar, high-temp.	65996-93-2
468	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2
469	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8
470	Lead chromate	7758-97-6
471	Diisobutyl phthalate	84-69-5
472	Anthracene oil, anthracene-low	90640-82-7
473	Anthracene oil, anthracene paste, distn. lights	91995-17-4
474	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2
475	Anthracene oil, anthracene paste	90640-81-6
476	Anthracene oil	90640-80-5
477	2,4-dinitrotoluene	121-14-2
478	Triethyl arsenate	15606-95-8
479	Sodium dichromate	0588-01-9, 7789-12-
480	Lead hydrogen arsenate	7784-40-9
481	Hexabromocyclododecane (HBCDD)	-
482	1,2,5,6,9,10-hexabromocyclododecane	3194-55-6
483	Hexabromocyclododecane	25637-99-4
484	alpha-hexabromocyclododecane	134237-50-6
485	beta-hexabromocyclododecane	134237-51-7
486	gamma-hexabromocyclododecane	134237-52-8
487	Dibutyl phthalate (DBP)	84-74-2
488	Diarsenic trioxide	1327-53-3
489	Diarsenic pentaoxide	1303-28-2
490	Cobalt dichloride	7646-79-9
491	Bis(tributyltin) oxide (TBTO)	56-35-9
492	Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7
493	Benzyl butyl phthalate (BBP)	85-68-7
494	Anthracene	120-12-7
495	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8
496	5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)	81-15-2
497	4,4'- Diaminodiphenylmethane (MDA)	101-77-9

Reason for inclusion
Specific target organ toxicity after repeated exposure (Article 57(f) - human health)
Toxic for reproduction (Article 57c)
vPvB (57e)
vPvB (57e)
vPvB (57e)
Repr. 1B (57c)
Toxic for reproduction (Article 57c)
PBT (Article 57d)
vPvB (Article 57e)
vPvB (Article 57e)
PBT (Article 57d)
Endocrine disrupting properties (Article 57(f) - environment)
Toxic for reproduction (Article 57c)
vPvB (Article 57e)
vPvB (Article 57e)
vPvB (Article 57e)
Toxic for reproduction (Article 57c)
vPvB (Article 57e)
Toxic for reproduction (Article 57c)#PBT (Article 57d)
Toxic for reproduction (Article 57c)
vPvB (Article 57e)
vPvB (Article 57e)
Toxic for reproduction (Article 57c)#PBT (Article 57d)#vPvB (Article 57e)#Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health)#Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)
Toxic for reproduction (Article 57c)#PBT (Article 57d)#vPvB (Article 57e)#Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health)#Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)
Toxic for reproduction (Article 57c)#PBT (Article 57d)#vPvB (Article 57e)#Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health)#Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)
Toxic for reproduction (Article 57c)#PBT (Article 57d)#vPvB (Article 57e)#Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health)#Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)
Toxic for reproduction (Article 57c)#PBT (Article 57d)#vPvB (Article 57e)#Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health)#Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)

Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health)#Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)
Endocrine disrupting properties (Article 57(f) - human health)
vPvB (Article 57e)
vPvB (Article 57e)
Toxic for reproduction (Article 57c)
Toxic for reproduction (Article 57c)#Endocrine disrupting properties (Article 57(f) - environment)#Endocrine disrupting properties (Article 57(f) - human health)
Carcinogenic (Article 57a)
vPvB (Article 57e)
Carcinogenic (Article 57a)#Mutagenic (Article 57b)
Toxic for reproduction (Article 57c)
PBT (Article 57d)
Toxic for reproduction (Article 57c)
Endocrine disrupting properties (Article 57(f) - human health)
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Toxic for reproduction (Article 57c)#Endocrine disrupting properties (Article 57(f) - environment)#Endocrine disrupting properties (Article 57(f) - human health)
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vPvB (Article 57e)
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Toxic for reproduction (Article 57c)
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Toxic for reproduction (Article 57c)
Toxic for reproduction (Article 57c)
Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Toxic for reproduction (Article 57c)#Specific target organ toxicity after repeated exposure (Article 57(f) - human health)
Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Toxic for reproduction (Article 57c)#Specific target organ toxicity after repeated exposure (Article 57(f) - human health)

Carcinogenic (Article 57a)
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Toxic for reproduction (Article 57c)
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Carcinogenic (Article 57a)
Toxic for reproduction (Article 57c)
Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Toxic for reproduction (Article 57c)
Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Toxic for reproduction (Article 57c)
Carcinogenic (Article 57a)#Mutagenic (Article 57b)
Toxic for reproduction (Article 57c)
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Toxic for reproduction (Article 57c)
Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Toxic for reproduction (Article 57c)
Carcinogenic (Article 57a)#Mutagenic (Article 57b)
Toxic for reproduction (Article 57c)
Carcinogenic (Article 57a)#PBT (Article 57d)#vPvB (Article 57e)
Carcinogenic (Article 57a)#Toxic for reproduction (Article 57c)
Carcinogenic (Article 57a)#Toxic for reproduction (Article 57c)
Carcinogenic (Article 57a)#Toxic for reproduction (Article 57c)
Toxic for reproduction (Article 57c)#Endocrine disrupting properties (Article 57(f) - human health)
Carcinogenic (Article 57a)#Mutagenic (Article 57b)#PBT (Article 57d)#vPvB (Article 57e)
Carcinogenic (Article 57a)#Mutagenic (Article 57b)#PBT (Article 57d)#vPvB (Article 57e)
Carcinogenic (Article 57a)#Mutagenic (Article 57b)#PBT (Article 57d)#vPvB (Article 57e)
Carcinogenic (Article 57a)#Mutagenic (Article 57b)#PBT (Article 57d)#vPvB (Article 57e)
Carcinogenic (Article 57a)#PBT (Article 57d)#vPvB (Article 57e)
Carcinogenic (Article 57a)
Carcinogenic (Article 57a)
Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Toxic for reproduction (Article 57c)
Carcinogenic (Article 57a)#Toxic for reproduction (Article 57c)
PBT (Article 57d)
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Toxic for reproduction (Article 57c)#Endocrine disrupting properties (Article 57(f) - human health)
Carcinogenic (Article 57a)
Carcinogenic (Article 57a)
Carcinogenic (Article 57a)#Toxic for reproduction (Article 57c)
PBT (Article 57d)
Toxic for reproduction (Article 57c)#Endocrine disrupting properties (Article 57(f) - environment)#Endocrine disrupting properties (Article 57(f) - human health)
Toxic for reproduction (Article 57c)#Endocrine disrupting properties (Article 57(f) - human health)
PBT (Article 57d)
PBT (Article 57d)#vPvB (Article 57e)
vPvB (Article 57e)
Carcinogenic (Article 57a)

16-Jan-2020	≤1000 ppm
16-Jan-2020	≤1000 ppm
16-Jan-2020	≤1000 ppm
16-Jan-2020	≤1000 ppm
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16-Jan-2020	≤1000 ppm
16-Jan-2020	≤1000 ppm
16-Jul-2019	≤1000 ppm
16-Jul-2019	≤1000 ppm
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15-Jan-2019	≤1000 ppm
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15-Jan-2019	≤1000 ppm
27-Jun-2018	≤1000 ppm
27-Jun-2018	≤1000 ppm
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27-Jun-2018	≤1000 ppm
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4 Article 82 Restricted Substances List (Annex XVII of Regulation (EU))

<https://echa.europa.eu/substances-restricted-under-reach>

日期 : 21 April 2026

Name
Polychlorinated terphenyls (PCTs)
Terphenyl, chlorinated
Chloroethene
Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008 (See group members):
Hazard class 4.1
Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10
Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F
Hazard class 5.1.
Tris (2,3 dibromopropyl) phosphate
Benzene
Asbestos fibres
Actinolite
Tremolite
Crocidolite
Amosite
Asbestos, chrysotile
Anthophyllite
Tris(aziridinyl)phosphin oxide
Polybromobiphenyls, Polybrominated biphenyls (PBB)
Hexabromo-1,1'-biphenyl
4-bromobiphenyl
4,4'-dibromobiphenyl
3-bromobiphenyl
Polybrominated biphenyls (PBB) except hexabromo-biphenyl
Nonabromo-1,1'-biphenyl
Tetrabromo(tetrabromophenyl)benzene
Polybromobiphenyls, Polybrominated biphenyls (PBB)
Decabromo-1,1'-biphenyl
Entry 9
o-Nitrobenzaldehyde
Soap bark powder (<i>Quillaja saponaria</i>) and its derivatives containing saponines
Wood powder
Powder of the roots of <i>Helleborus viridis</i> and <i>Helleborus niger</i>
Powder of the roots of <i>Veratrum album</i> and <i>Veratrum nigrum</i>
Benzidine and / or its derivatives
Entry 10
Ammonium polysulphide
Ammonium sulphide
Ammonium hydrogen sulphide
Volatile esters of bromoacetic acids
Methyl bromoacetate
Butyl bromoacetate
Propyl bromoacetate
Ethyl bromoacetate
2-naphthylamine and its salts

2-naphthylamine
2-naphthylammonium chloride
2-naphthylammonium acetate
Salts of 2-naphthylamine
Benzidine and its salts
Salts of benzidine
Benzidine
4-Nitrobiphenyl
4-Aminobiphenyl xenylamine and its salts
4-Aminobiphenyl xenylamine
Lead carbonates
Trilead-bis(carbonate)-dihydroxide $2\text{PbCO}_3\text{-Pb(OH)}_2$
Neutral anhydrous carbonate (PbCO_3)
Lead sulphates
Sulphuric acid, lead salt PbSO_4
Lead sulphate PbSO_4
Mercury compounds
Mercury
Arsenic compounds
Thallium triarsenide
2,6-dimethyl-4-(1-naphthyl)pyrylium hexafluoroarsenate
2,6-dimethyl-4-phenylpyrylium hexafluoroarsenate
4-cyclohexyl-2,6-dimethylpyrylium hexafluoroarsenate
Tris(pentane-2,4-dionato-O,O')silicon hexafluoroarsenate
Slimes and Sludges, copper refining
Tris[(8 α)-6'-methoxycinchonan-9(R)-ol] arsenite
Gallium zinc triarsenide
Vanadium(4+) diarsenate (1:1)
Strychnidin-10-one, arsenite (1:1)
Slimes and Sludges, copper electrolytic refining, decopperized, arsenic-rich
Arsenic acid (H_3AsO_4), magnesium salt, manganese-doped
Slimes and Sludges, copper-lead ore roasting off gas scrubbing, arsenic-contg.
Sodium metaarsenate
Copper diarsenite
Potassium hexafluoroarsenate
Hydrogen hexafluoroarsenate
Ammonium dihydrogenarsenate
Potassium arsenite
Trisodium arsenite
Trisodium arsenate
Zinc arsenate
Tristrontium diarsenate
Tribarium diarsenate
Trinickel bis(arsenate)
Trilithium arsenate
Tristrontium diarsenide
Calcium arsenite
Arsonic acid, [4-[[4-(dimethylamino)phenyl]azo]phenyl]-, monohydrochloride
2,4,6,8,9,10-Hexaoxa-1,3,5,7-tetraarsatricyclo[3.3.1.1.3,7]decane
tris(trimethylsilyl)arsine
Arsenic acid (H_3AsO_4), copper(2+) salt (2:3), tetrahydrate
Arsenic acid
Arsenic acid (H_3AsO_4), monosodium salt
Diarsenic acid, sodium salt

Arsenic acid (H ₃ AsO ₄), zinc salt (1:1)
Arsenous acid, zinc salt
potassium dimethylarsinate
thallium arsenic selenide
[No public or meaningful name is available]
Tetraphenylarsonium Chloride Hydrochloride Hydrate
Sodium hexafluoroarsenate(V)
Silver hexafluoroarsenate
Arsenic(II) sulfide
ARSENIC(V) OXIDE HYDRATE
Arsenic acid (H ₃ AsO ₄), monocation salt
Sodium arsenate dibasic heptahydrate
Sodium cacodylate trihydrate
3-[(dimethylcarbamothioyl)thio]-N,N,6-trimethyl-1,5-bis(thioxo)-2,4-dithia-6-aza-3-arsaheptan-1-amine; asomate
Pentafluoroarsorane
Mercury hydrogenarsenate
Manganese hydrogenarsenate
Lead hydrogen arsenate
Potassium dihydrogenarsenate
Arsine
Diammonium hydrogenarsenate
Arsenic triiodide
Sodium dioxoarsenate
Pentahydroxyarsorane
Iron arsenide
Digallium arsenide phosphide
Tripotassium arsenide
Trilithium arsenide
Trisodium arsenide
Praseodymium arsenide
Trimagnesium diarsenide
Diarsenic tritelluride
Zinc diarsenide
Nickel diarsenide
Dichromium arsenide
Erbium arsenide
Lanthanum arsenide
Niobium arsenide
Neodymium arsenide
Triantimony arsenide
Samarium arsenide
Yttrium arsenide
Tribarium diarsenide
Tricalcium diarsenide
Germanium arsenide
Trisilver arsenide
Arsenic sulfide
Trisilver arsenate
N-(p-arsenosophenyl)-1,3,5-triazine-2,4,6-triamine
Aluminium arsenide
Triammonium arsenate
Tricobalt diarsenate
Cobalt arsenide

Nickel arsenide
Tricalcium diarsenite
3-methyl-4-(pyrrolidin-1-yl)benzenediazonium hexafluoroarsenate
Antimony arsenate
Arsenic acid, copper(2+) salt
Lithium hexafluoroarsenate
Ammonium copper arsenate
Europium arsenide
Triphenylsulphonium hexafluoroarsenate(1-)
Zirconium arsenide
Trimanganese arsenide
Disodium 3,6-bis[(o-arsonophenyl)azo]-4,5-dihydroxynaphthalene-2,7-disulphonate
Diphenyliodonium hexafluoroarsenate
4-(ethylamino)-2-methylbenzenediazonium hexafluoroarsenate
4-(diethylamino)-2-ethoxybenzenediazonium hexafluoroarsenate
Antimony arsenic oxide
Arsenic bromide
Cobalt arsenide
Silicic acid (H ₄ SiO ₄), zinc salt (1:2), arsenic and manganese-doped
Bis(pentane-2,4-dionato-O,O')boron(1+) hexafluoroarsenate(1-)
Antimony oxide (Sb ₂ O ₃), mixed with arsenic oxide (As ₂ O ₃)
Lead alloy, base, dross
Lead, antimonial, dross
Flue dust, lead-refining
Disilver arsenide
Dimethylarsinic acid
Phenylarsonic acid
4-hydroxyphenylarsonic acid
Arsanilic acid
Nitarsons
Roxarsone
Sodium dimethylarsinate
Sodium hydrogen 4-aminophenylarsonate
6,6'-dihydroxy-3,3'-diarsene-1,2-diyl dianilinium dichloride
Oxophenarsine
Tritylium hexafluoroarsenate
Neoarsphenamine
Oxophenarsine hydrochloride
Tris[(8 α ,9R)-6'-methoxycinchonan-9-ol] bis(arsenate)
Triphenylarsine
Sulfarsphenamine
Phenylarsine oxide
Gallium arsenide
Indium arsenide
Diarsenic pentaoxide
arsenic sulfide
Diarsenic triselenide
Diarsenic trioxide
Methyltriphenylarsonium iodide
2,7-(bis(2-arsonophenylazo))-1,8-dihydroxynaphthalene-3,6-disulphonic acid
2-aminophenylarsonic acid
Triethyl arsenite
Flue dust, arsenic-contg.
Lead arsenite

Iron arsenate
Iron bis(arsenate)
Arsenic acid, magnesium salt
Arsenic acid, copper salt
Arsenic acid, calcium salt
Potassium arsonate
Strychnine arsenate
Tricopper arsenide
Dysprosium arsenide
Diiron arsenide
Gadolinium arsenide
Holmium arsenide
Lutetium arsenide
Manganese arsenide
Terbium arsenide
Thallium arsenide
Thulium arsenide
Ytterbium arsenide
Tricadmium diarsenide
Iron diarsenide
Trizinc diarsenide
Disodium 3-[(o-arsonophenyl)azo]-4,5-dihydroxynaphthalene-2,7-disulphonate
Trilead diarsenate
Disodium 4-[(o-arsonophenyl)azo]-3-hydroxynaphthalene-2,7-disulphonate
Diphenyldiarsenic acid
2-nitrophenylarsonic acid
Arsenic
Arsenic acid, sodium salt
Arsenic acid
Disodium hydrogenarsenate
Calcium arsenate
Trisilver arsenite
Arsenic tribromide
Arsenic trichloride
Trifluoroarsine
Diphenoxarsin-10-yl oxide
Acetarsol
Propylarsonic acid
Glycobiarsol
Arsthinol
Carbarsone
Methylarsonic acid
Disodium arsonoacetate
4-[(2-arsonophenyl)azo]-3-hydroxynaphthalene-2,7-disulphonic acid
Sodium hydrogen [4-[(hydroxyacetyl)amino]phenyl]arsonate
Disodium methylarsonate
4-(glycolloylamino)phenylarsonic acid
Tetramethyldiarsine
Melarsoprol
Tetraphenylarsonium bromide
Tetraphenylarsonium chloride
Difetarstone disodium
Trisodium 2-(hydrogen arsonatophenylazo)-1,8-dihydroxynaphthalene-3,6-disulphonate
Acetarsol--diethylamine (1:1)

Tryparsamide
10-chloro-5,10-dihydrophenarsazine
Sodium hydrogen [4-(acetamido)phenyl]arsonate
Allylarsonic acid
Methyloxoarsine
Trimethylarsine
Dichloro(ethyl)arsine
Triethylarsine
4-acetamidophenylarsonic acid
4-(4-dimethylaminophenylazo)phenylarsonic acid
Iododimethylarsine
Dichloro(phenyl)arsine
Chlorodiphenylarsine
Diphenylarsine
Methyl 1,2,5,6-tetrahydro-1-methylnicotinate, mono[(3-acetamido-4-hydroxyphenyl)arsonate]
Methyldiphenylarsine
Triphenylarsine oxide
o-phenylenediarsonic acid
Sodium p-[[4-[3-(2-arsono-4-nitrophenyl)triazin-1-yl]phenyl]azo]benzenesulphonate
3-amino-4-hydroxyphenylarsonic acid
Sodium methylarsonate
10-chloro-10H-phenoxarsine
Tri-p-tolylarsine
Copper arsonate
Strychnine dimethylarsinate
Disodium [4-[(4,6-diamino-1,3,5-triazin-2-yl)amino]phenyl]arsonate
Difetarzone
2-[[7-[(2-arsonophenyl)azo]-1,8-dihydroxy-3,6-disulpho-2-naphthyl]azo]benzoic acid
p-tolylarsonic acid
Ethylenebis(diphenylarsine)
10-[(dimethylthiocarbamoyl)thio]-5,10-dihydrophenarsazine
4-(2-chloroacetamido)phenylarsonic acid
4-chlorophenylarsonic acid
Calcium bis(dimethylarsinate)
[4-[(4,6-diamino-1,3,5-triazin-2-yl)amino]phenyl]arsonic acid
Sodium hydrogen (3-acetamido-4-hydroxyphenyl)arsonate
Calcium bis(methylarsonate)
Iron tris(dimethylarsinate)
Diiodo(phenyl)arsine
Sodium p-arsonobenzenesulphonate
4-(4-aminophenylazo)phenylarsonic acid
Sodium 4-(glycolloylamino)phenylarsonate
Disodium hydrogen 2-[[7-[(2-arsonophenyl)azo]-1,8-dihydroxy-3,6-disulphonato-2-
Trisodium 4-[(o-arsonophenyl)azo]-3-oxidonaphthalene-2,7-disulphonate
Acetarsol sodium
Tetraphenylarsonium (hydrogen dichloride)
Methylenebis(diphenylarsine)
Diphenylarsinecarbonitrile
Bis[(2-diphenylarsinoethyl)phenyl]phosphine
[2-(diphenylarsino)ethyl]diphenylphosphine
3-formamido-4-hydroxyphenylarsonic acid
Bromo(hydroxytetraphenylarsoranato)magnesium
Tetraphenylarsonium chloride, compound with hydrochloric acid (1:1)
Strychnidin-10-one, compd. with methylarsonate (1:1)

Methyl 17 α -hydroxy-yohimban-16 α -carboxylate, methylarsonate (1:1)
Disodium 3,6-bis[[2-[(dihydroxyarsino)oxy]phenyl]azo]-4,5-dihydroxynaphthalene-2,7-disulphonate
Disodium 3-[[2-[(dihydroxyarsino)oxy]phenyl]azo]-4,5-dihydroxynaphthalene-2,7-disulphonate
Trisodium 3-[(o-arsonatophenyl)azo]-4,5-dihydroxynaphthalene-2,7-disulphonate
(diphenylarsino)dimethylgallium
(4-aminophenyl)arsonic acid, compound with piperazine (1:1)
Sodium hydrogen allylarsonate
Disodium p-tolylarsonate
Dibismuth tris(methylarsonate)
Leucomycin V, 9-O-[5-(dimethylamino)tetrahydro-6-methyl-2H-pyran-2-yl]-, [9(5S,6R)]-, [1,2-ethanediy]bis(imino-4,1-phenylene)]bis[arsonate] (1:1) (salt)
2,2'-[ethylenebis(oxy)]bis[1,3,2-dioxarsolane]
Chlorotris(triphenylarsine)rhodium
Proustite (Ag ₃ (AsS ₃))
o-phenylenebis(dimethylarsine)
Melarsonyl potassium
Thiobis[methylarsine], anhydrosulphide
Calcium arsenate fluoride
Arsenic chloride (AsCl)
Arsenic acid (H ₃ AsO ₄), dipotassium salt
Arsenic acid (H ₃ AsO ₄), magnesium salt (2:3)
Arsenic pentachloride
Arsenous acid, gallium salt (1:1)
Manganese arsenate
Arsenous acid, zinc salt (2:3)
Arsenic acid (H ₃ AsO ₄), cobalt(2+) salt
arsenic acid (H ₃ AsO ₄), calcium salt(2:3), dihydrate
Arsine oxide, dichloro(2-chlorovinyl)-
Arsenous acid, tricopper(1+) salt
Arsenic acid (H ₃ AsO ₄), lead(4+) salt (2:1), monohydrate
Arsonic acid, methyl-, iron salt (9Cl)
Arsenenous acid, nickel(2+) salt
Arsenous acid, tripotassium salt
Arsonate
Arsenic chloride
Iron arsenide
Arsine, bis(2-chlorovinyl)chloro-
Arsine, tris(2-chloroethenyl)-
Arsenous acid, lead(2+) salt (1:1)
Arsenic acid (H ₃ AsO ₄), lead(4+) salt (3:2)
Arsenic acid (H ₃ AsO ₄), copper(2+) salt (4:1)
Gallium arsenide phosphide
4-Aminophenylarsenoxide
Magnesium arsenate, decahydrate
Boron arsenide (BAs)
Boron arsenide (B ₆ As)
Manganese arsenide (Mn ₂ As)
Arsenic acid (H ₃ AsO ₄), lead(2+) salt (2:3), tetrahydrate
Tin arsenide (SnAs)
Cobalt arsenide (CoAs ₂)
Platinum arsenide (PtAs ₂)
Cobalt arsenide (CoAs ₃)
Tetraarsenic tetrasulfide
Arsenic sulfide (As ₂ S ₄)

Arsenopyrite, cobaltoan
Arsenous acid, antimony(3+) salt (1:1)
Arsenic selenide
Arsorane, pentahydroxy-, copper(2+) salt (1:2)
Arsenic oxide
Arsenic acid (H ₃ AsO ₄), ammonium salt (2:1)
Nickel arsenide
Rammelsbergite (NiAs ₂)
Zinc arsenate oxide (Zn ₅ (AsO ₃) ₄ O ₃), tetrahydrate
Diarsenic acid
Arsenic acid (H ₃ AsO ₄), copper(2+) salt (1:1)
Arsenic acid, tripotassium salt
Arsenic acid, calcium salt (1:2)
Arsenic acid, disodium salt
Boron arsenate
Zinc arsenate, octahydrate
Arsenic acid (H ₃ AsO ₄), bismuth salt (1:1)
Arsenous acid
Ammonium magnesium arsenate
Arsenous acid, calcium salt (2:1)
Arsenous acid (HAsO ₂), strontium salt
Arsenic acid (H ₃ AsO ₄), monopotassium salt, 1/5hydrate
Tripotassium arsenate 3/2hydrate
Arsenous acid
Tin arsenide (Sn ₄ As ₃)
Arsenic chloride (AsCl ₂)
Arsenic acid, (H ₃ -As-O ₄), lead(4+) salt (4:3)
(2-Chloroethenyl)arsenous dichloride
Zinc arsenide
Arsenous acid, iron(3+) salt (1:1)
Sodium oxidoarsenous acid
Arsenic trichloride
Gallium arsenic phosphide
Strontium arsenide (SrAs ₃)
(4-((2-Amino-2-oxoethyl)amino)phenyl)arsenic acid
Arsenic acid, methyl-, compd. with 1-octanamine (1:1)
Ferric arsenite, basic
Silicic acid (H ₄ SiO ₄), magnesium manganese(2+) zinc salt, arsenic and lead-doped
Silicic acid (H ₄ SiO ₄), tetraethyl ester, polymer with arsenic oxide (As ₂ O ₃)
Arsenous acid, silver(1+) salt
Benzenesulfonic acid, 4-arsenoso-, sodium salt
Benzenesulfonic acid, 4-arsenoso-
Arsenous acid, lithium salt
Arsenous acid, copper(2+) salt, hydrate, (2:3:3)
Arsenic acid (H ₃ AsO ₄), lead salt
Arsenous acid, neodymium(3+) salt
Arsenous acid, lutetium(3+) salt
Arsenous acid, cadmium neodymium(3+) salt (5:1:1)
Arsenic acid (H ₃ AsO ₄), copper(2+) salt (2:3)
Arsenous acid, cesium salt
Arsenous acid, mercury(2+) salt
Arsenous acid, antimony(3+) salt
Arsenous acid, cadmium salt
Arsenous acid, cobalt(2+) salt

Arsenous acid, manganese(2+) salt
Arsenous acid, rubidium salt
Arsenic acid (H ₃ AsO ₄), calcium salt (7:10)
Arsenous acid, praseodymium(3+) salt
Arsenous acid, cerium(3+) salt
Arsenic acid (H ₃ AsO ₄), copper(2+) salt (1:1), sesquihydrate
Arsenic acid (H ₃ AsO ₄), copper(2+) salt (4:5)
Arsenic acid (H ₃ AsO ₄), lead(2+) salt (4:5)
Arsenic acid (H ₃ AsO ₄), calcium salt (4:5)
Strontium arsenite (Sr(As ₂ O ₄))
Arsenous acid, titanium salt
Arsonic acid, tin salt
Arsenous acid, ammonium copper salt
Arsenous acid, ammonium zinc salt
ARSENIC ACID (H ₃ ASO ₄), HEMIHYDRATE
Arsonic acid, methyl-, calcium salt (1:1)
Arsenous acid, tricopper(1+) salt, ammoniated
Arsenic tetrasulfide
Arsonic acid, monoammonium salt
Tetraarsenic trisulfide
Arsenic(5) hexafluoride
Arsenic tetrachloride fluoride
Arsonic acid, lead(2+) salt (1:1)
Arsenic sulfide (As ₂ S ₅)
Arsenazo III sodium
(Carboxymethyl)trimethylarsonium hydroxide inner salt
Calcium arsenate (CaHAsO ₄) (6Cl,7Cl)
Aluminium gallium arsenide
Arsine, dichloromethyl-
Copper acetoarsenite
Organostannic compounds
Di-μ-oxo-di-n-butylstanniohydroxyborane / Dibutyltin hydrogen borate C ₈ H ₁₉ BO ₃ Sn (DBB)
Cadmium and its compounds
cadmium zinc telluride
Disodium tetrakis(cyano-C)cadmate(2-)
Dipotassium [[N,N'-ethylenebis[N-(carboxymethyl)glycinato]](4-)-N,N',O,O',ON,ON']cadmate(2-)
Cadmium acrylate
Cadmium tellurium trioxide
Cadmium tellurium tetraoxide
Cadmium dilactate
Cadmium divanadium hexoxide
5-oxo-L-proline, cadmium salt
Cadmium propionate
Cadmium hexafluorosilicate(2-)
Dimethylcadmium
Cadmium carbonate
Cadmium succinate
Cadmium di(octanoate)
Cadmium distearate
Cadmium p-toluate
Cadmium bis(2-ethylhexanoate)
Cadmium dilaurate
Cadmium didecanoate
Cadmium bis[benzoate]

Cadmium cyanide
Cadmium di(acetate)
Cadmium oxalate
Cadmium dithiocyanate
Barium cadmium tetrastearate
Cadmium oxide
Cadmium sulphide
Cadmium selenide
Cadmium telluride
Cadmium bromide
Cadmium fluoride
Cadmium iodide
Cadmium iodate
Cadmium dinitrite
Cadmium wolframate
Cadmium zinc sulfide yellow
Cadmium chloride
Cadmium sulphate
Cadmium myristate
Cadmium nitrate
Cadmium dioleate
Cadmium selenide sulphide
Tricadmium diarsenide
Cadmium titanium trioxide
Tricadmium diphosphide
Antimony, compound with cadmium (2:3)
Cadmium 4-(1,1-dimethylethyl)benzoate
Cadmium cinnamate
Cadmium diformate
Cadmium sebacate
Cadmium nonan-1-oate
Cadmium dipalmitate
Cadmium dianthranilate
Cadmium
Cadmium zirconium trioxide
Pentacadmium chloridetriphosphate
Dicadmium niobate
Dicadmium selenide sulphide
Cadmium ditantalum hexaoxide
Cadmium zinc sulphide
Cadmium selenide sulfide
Cadmium sulfoselenide orange
Tricadmium bis(phosphate)
Cadmium silicate
Cadmium sulphite
Diboron tricadmium hexaoxide
Dicadmium hexakis(cyano-C)ferrate(4-)
Cadmium selenite
Cadmium selenate
Cadmium diricinoleate
Cadmium orthophosphate
Cadmium molybdenum tetroxide
Cadmium disulphamate
Cadmium hydrogen phosphate

Cadmium bis(diethyldithiocarbamate)
Cadmium chromate
Cadmium dipotassium tetracyanide
Cadmium tetrafluoroborate
Bis(dibutyldithiocarbamato-S,S')cadmium
Bis(pentane-2,4-dionato-O,O')cadmium
Tris(ethylenediamine)cadmium dihydroxide
Cadmium diicosanoate
Cadmium bis(piperidine-1-carbodithioate)
Bis(dimethyldithiocarbamato-S,S')cadmium
Lauric acid, barium cadmium salt
Sulfuric acid, cadmium salt (1:1), hydrate
Cadmium perchlorate hexahydrate
Cadmium chloride hydrate
Cadmium bromide tetrahydrate
cadmium nitrate tetrahydrate
cadmium chloride (CdCl ₂), hydrate (2:5)
Bis(ethylenediamine)cadmium(2+) bis[dicyanoaurate(1-)]
Cadmium diphenolate
Cadmium bis(dipentyldithiocarbamate)
Cadmium disalicylate
Cadmium [R-(R*,R*)]-tartrate
Cadmium didocosanoate
Disodium [[N,N'-ethylenebis[N-(carboxymethyl)glycinato]](4-)-N,N',O,O',ON,ON']cadmate(2-)
Cadmium 3,5,5-trimethylhexanoate
Cadmium(2+) (R)-12-hydroxyoctadecanoate
Potassium [N,N-bis(carboxymethyl)glycinato(3-)-N,O,O',O'']cadmate(1-)
Bis[N,N-bis(carboxymethyl)glycinato(3-)]tricadmium
Boric acid, cadmium salt
Cadmium o-toluate
Cadmium bis(4-cyclohexylbutyrate)
Cadmium hydroxide
Cadmium methacrylate
Cadmium epoxyoctadecanoate
Cadmium toluate
[[[N,N'-ethylenebis[glycinato]](2-)-N,N',O,O']cadmium
Cadmium isooctanoate
Cadmium dodecylbenzenesulphonate
Cadmium (1,1-dimethylethyl)benzoate
Cadmium divalerate
Cadmium sulfoselenide red
Naphthenic acids, cadmium salts
Cadmium neodecanoate
Cadmium bis(heptadecanoate)
Cadmium pentadecanoate
(S)-dichloro[2-[[[2,3-dihydroxypropoxy]hydroxyphosphinyl]oxy]triethylmethylammoniumato]cadmium
Bis(propane-1,2-diyldiamine-N,N')cadmium(2+) bis[bis(cyano-C)aurate(1-)]
Cadmium dilinoleate
Tetrapotassium [[[nitrilotris(methylene)]tris[phosphonato]](6-)-N,O,O'',O''''']cadmate(6-)
Cadmium m-toluate
Fatty acids, C10-18, cadmium salts
Fatty acids, C12-18, cadmium salts
Benzyltriphenylphosphonium tetrachlorocadmiate
Pentapotassium hydrogen [[[ethylenebis[nitrilobis(methylene)]]tetrakis[phosphonato]](8-)]cadmate(6-)

Cadmium sulfide (CdS), solid soln. with zinc sulfide, copper and lead-doped
Fatty acids, C14-18, cadmium salts
Cadmium, benzoate p-tert-butylbenzoate complexes
Pyrochlore, bismuth cadmium ruthenium
Cadmium sulfide (CdS), solid soln. with zinc sulfide, aluminum and cobalt and copper and silver-doped
Barium cadmium calcium chloride fluoride phosphate, antimony and manganese-doped
Fatty acids, tall-oil, cadmium salts
Fatty acids, C8-18 and C18-unsatd., cadmium salts
Cadmium sulfide (CdS), aluminum and copper-doped
Cadmium sulfide (CdS), aluminum and silver-doped
Cadmium sulfide (CdS), copper chloride-doped
Cadmium sulfide (CdS), silver chloride-doped
Cadmium sulfide (CdS), copper and lead-doped
Fatty acids, tallow, hydrogenated, cadmium salts
Resin acids and Rosin acids, cadmium salts
Hydrogen [4-[(5-chloro-4-methyl-2-sulphophenyl)azo]-3-hydroxynaphthalene-2-carboxylato(3-)]cadmate(1-)
Cadmium, dross
Wastewater, cadmium sulfate electrolytic, acid
Flue dust, cadmium-refining
Calcines, cadmium residue
Leach residues, cadmium-refining
Residues, cadmium-refining
Slimes and Sludges, cadmium-refining, oxidized
Slimes and Sludges, cadmium sump tank
Cadmium(2+) 12-hydroxyoctadecanoate
Cadmium potassium 1-(hydroxyethylidene)bisphosphonate(1:2:1)
Fatty acids, C12-18, barium cadmium salts
Cadmium selenide (CdSe), solid soln. with cadmium sulfide
(R)-12-hydroxyoleic acid, barium cadmium salt
Tetra-μ-chlorodichlorobis[2-[[[(2,3-dihydroxypropoxy)hydroxyphosphinyl]oxy]triethylmethylammoniumato]tricadmium, stereoisomer
Fatty acids, coco, cadmium salts
Zircon, cadmium yellow
Cadmium isononanoate
Cadmium isooctadecanoate
Cadmium tert-decanoate
Cadmium bis(nonylphenolate)
Cadmium bis(octylphenolate)
Bis(2-ethylhexyl mercaptoacetato -O',S)cadmium
Cadmium bis(o-nonylphenolate)
Cadmium bis(p-nonylphenolate)
Cadmium bis[p-(1,1,3,3-tetramethylbutyl)phenolate]
Cadmium (Z)-hexadec-9-enoate
Cadmium isodecanoate
Cadmium bis(isoundecanoate)
Cadmium dimethylhexanoate
Cadmium tetrapentyl bis(phosphate)
Cadmium isooctyl phthalate (1:2:2)
Cadmium (1-ethylhexyl) phthalate (1:2:2)
Cadmium octyl phthalate (1:2:2)
Leach residues, cadmium-contg. flue dust
Cadmium isohexadecanoate
Cadmium diisobutyl dimaleate

Flue dust, lead-manufg., cadmium-rich
Waste solids, cadmium-electrolysis, thallium-rich
Fatty acids, C9-11-branched, cadmium salts
Bis(5-oxo-L-prolinato-N1,O2)cadmium
Bis(5-oxo-DL-prolinato-N1,O2)cadmium
Benzenesulfonic acid, mono-C10-13-alkyl derivs., cadmium salts
Benzoic acid, cadmium salt, basic
Decanoic acid, branched, cadmium salts
Hexanoic acid, 2-ethyl-, cadmium salt, basic
Propanoic acid, cadmium salt, basic
Cadmium zinc lithopone yellow
Cadmium lithopone yellow
Leach residues, cadmium cake
Leach residues, zinc ore-calcine, cadmium-copper ppt.
Fatty acids, castor-oil, hydrogenated, cadmium salts
Fatty acids, C8-10-branched, cadmium salts
Leach residues, zinc refining flue dust, cadmium-thallium ppt.
Fatty acids, C9-13-neo-, cadmium salts
Fatty acids, olive-oil, cadmium salts
Fatty acids, peanut-oil, cadmium salts
Fatty acids, rape-oil, cadmium salts
Fatty acids, C14-18 and C18-unsatd., branched and linear, hydrogenated, cadmium salts
Nonanoic acid, branched, cadmium salt
Carbonic acid, cadmium salt
Zircon, cadmium orange
Cadmium chloride phosphate (Cd5Cl(PO4)3), manganese-doped
Flue dust, copper-lead blast furnace, cadmium-indium-enriched
Dodecanoic acid, cadmium salt, basic
Octadecanoic acid, cadmium salt, basic
Octadecanoic acid, 12-hydroxy-, cadmium salt, basic
Cadmium oxide (CdO), solid soln. with calcium oxide and titanium oxide (TiO2), praseodymium-doped
Cadmium selenide (CdSe), solid soln. with cadmium sulfide, zinc selenide and zinc sulfide, aluminum and copper-doped
Cadmium selenide (CdSe), solid soln. with cadmium sulfide, zinc selenide and zinc sulfide, copper and manganese-doped
Cadmium selenide (CdSe), solid soln. with cadmium sulfide, zinc selenide and zinc sulfide, europium-
Cadmium selenide (CdSe), solid soln. with cadmium sulfide, zinc selenide and zinc sulfide, gold and manganese-doped
Cadmium selenide (CdSe), solid soln. with cadmium sulfide, zinc selenide and zinc sulfide, manganese and silver-doped
Cadmium oxide (CdO), solid soln. with magnesium oxide, tungsten oxide (WO3) and zinc oxide
Silicic acid, zirconium salt, cadmium pigment-encapsulated
Cadmium di(acetate), dihydrate
Sulfuric acid, cadmium salt, hydrate (3:3:8)
Cadmium (II) chloride monohydrate
Cadmium compounds
Cadmate(1-), triiodo-, potassium
UNDECANSAEURE-CD-SALZ
Ammonium cadmium chloride (Ammonium cadmium trichloride)
Cadmium pyrophosphate
Cadmium sulfate octahydrate
Cadmium, chloro(1,10-phenanthroline-2-carboxylato)-, polymers
Cadmium hydroxide hydrate
Disodium ethylenediaminetetraacetate cadmium

Diphosphoric acid, barium cadmium salt (1:1:1)
Cadmium chlorate
Cadmium peroxide
Cadmium selenide sulfide, (Cd ₂ SeS)
Cadmium mesosulfate (CdH ₂ SO ₅) (7Cl)
Cadmium sulfate, tetrahydrate
Nitric acid, cadmium salt, hydrate
Nitric acid, cadmium salt, dodecahydrate
Pentanoic acid, 2-propyl-, cadmium salt
2-Butenedioic acid (Z)-, monoctadecyl ester, cadmium salt
22-Tricosenoic acid, cadmium salt
Tetracosanoic acid, cadmium salt
Tricosanoic acid, cadmium salt
Selenic acid, cadmium salt (1:1), dihydrate
Tetraiodide diammonium cadmium
Cadmium trichloride monopotassium
Cadmium potassium hexachloride
Cadmium bromide rubidium
Cadmium chloride rubidium
Cadmium sodium tetrachloride
Cesium sulfate cadmium
Cadmium chloride potassium hydrate
Potassium sulfate cadmium hexahydrate
Cadmium trichloride 1 sodium
Cadmium sulfate sodium
Potassium sulfate cadmium
Monoammonium cadmium triiodide
Cadmium sulfate caesium hexahydrate
Potassium sulfate cadmium dihydrate
Cadmium chloride magnesium dodecahydrate
Benzenediazonium, 4-(phenylamino)-, sulfate (1:1), polymer with formaldehyde, cadmium chloride
Cadmium borate oxide (Cd ₃ (BO ₂) ₄ O), manganese-doped
Barium cadmium zinc sulfide (Ba ₂ (Cd,Zn)S ₃), manganese-doped
Cadmium laurate, palmitate, stearate
Cadmium sponge
Slimes and Sludges, cadmium electrolytic
Cadmium chloride (CdCl ₂), tetrahydrate
Cadmium, dichlorotetrakis(1H-imidazole-kappaN3)-
Cadmium chloride dihydrate
Cadmium zinc sulfide ((Cd,Zn)S), cobalt and copper-doped
Cadmium mercury sulfide
Cadmium zinc sulfide
Cadmium acetate hydrate
Cadmium perchlorate hydrate
Cadmium bromate
Hydrogen [N,N-bis(carboxymethyl)glycinato(3-)-N,O,O',O'']cadmate
Dipotassium tetrachlorocadmite(2-)
Cadmium mercury telluride
Barium di-μ-chlorotetrachlorodicadmite(2-)
Cadmium sulfide (CdS), solid soln. with zinc sulfide, copper chloride-doped
Cadmium sulfide (CdS), solid soln. with zinc sulfide, copper and manganese-doped
Cadmium sulfide (CdS), solid soln. with zinc sulfide, aluminum and copper-doped
Cadmium sulfide (CdS), solid soln. with zinc sulfide, copper and silver-doped
Cadmium sulfide (CdS), solid soln. with zinc sulfide, nickel and silver-doped

Cadmium sulfide (CdS), solid soln. with zinc sulfide, silver chloride-doped
Cadmium sulfide (CdS), solid soln. with zinc sulfide, aluminum and silver-doped
Cadmium sulfide (CdS), solid soln. with zinc sulfide, copper and nickel-doped
Dihydrogen bis[hydroxysuccinato(2-)-O1,O2,O4]cadmate(2-)
Barium tetrachlorocadmite(2-)
Cadmium, (29H,31H-phthalocyaninato(2-)-kappaN29,kappaN30,kappaN31,kappaN32)-, (SP-4-1)-
Zircon, cadmium red
Cadmium, diethyl-
Sulfuric acid, cadmium salt (1:1), heptahydrate
Cadmium perchlorate (6Cl,7Cl)
Phosphoric acid, ammonium cadmium salt (1:1:1)
Cadmium diphosphate
D-Glucopyranose, 4-O- α -D-glucopyranosyl-
Octadecanoic acid, barium cadmium salt
Monomethyl — tetrachlorodiphenyl methane Trade name: Ugilec 141
Monomethyl-dichloro-diphenyl methane Trade name: Ugilec 121, Ugilec 21
Monomethyl-dibromo-diphenyl methane bromobenzylbromotoluene, mixture of isomers
Nickel and its compounds
Nickel compounds
Nickel
Nickel, bis[[didecyl (1,2-dicyano-1,2-ethenediyl)bis[carbamato]](2-)]-
Aluminum, triethyl-, reaction products with nickel(2+) 2-ethylhexanoate (1:2)
Nickel, bis[(cyano- κ C)triphenylborato(1-)- κ N]bis(hexanedinitrile- κ N, κ N')-
Nickel Sulfide (Ni7S3)
Sulfuric acid, nickel(2+) salt (1:1), trihydrate
Nickel, bis(diisononylcarbamodithioato-S,S')-
Nickel Sulfide (Ni3S5), trihydrate
Phosphoric acid, compounds, nickel(2+) zinc salt (2:1:2)
Fatty acids, (C=3-22), nickel salts, basic
Nickel Sulfide (Ni5S3)
Nickel Sulfide (Ni5S4)
Nickel Sulfide (Ni5S6)
Nickel Sulfide (Ni9S5)
Nickelate(1-), (formato-O)[sulfato(2-)-O]-, hydrogen
Nickelate(1-), (acetato-O)[sulfato(2-)-O]-, hydrogen
Nickelate(1-), [3-hydroxy-4-[(4-methyl-3- sulfophenyl)azo]-2-naphthalenecarboxylato(3-)]-, hydrogen
Nickel sulfide (Ni(HS)2)
Nickel, tris(neodecanoato- κ .O)[μ .3-[orthoborato(3-)- κ .O: κ .O': κ .O'']]tri-
Nickel carbonate hydroxide (Ni5(CO3)2(OH)6)
Nickel arsenide sulfide
Nickel selenide (Ni3Se2)
Ammonium nickel sulfate ((NH4)2Ni2(SO4)3) (6Cl,7Cl)
Nickel tartrate
Perchloric acid, nickel salt
Nickelate(Ni4O5)(1-), lithium
Nickel(2+) hydrogen sulfate
Nickel subarsenide
Acetohydroxamic acid, N-fluoren-2-yl-, nickel(2+) complex
Cinnamic acid, nickel(II) salt
Nickelate(2-), tetrakis(cyano-C)-, (SP-4-1)-
Phosphoric acid, compounds, nickel(2+) zinc salt (2:1:2) tetrahydrate
Nickel, bis[1-[4-(diethylamino)phenyl]-2-phenyl-1,2-ethenedithiolato(2-)- κ S1, κ S2]-
Nickel(2+ +), hexaammine-, dihydroxide, (OC-6-11)-

Nickel(1+), [1-[2-amino-4-(imino-κN)-5(4H)-thiazolylidene]-N-[1-[2-amino-4-(imino-κN)-5(4H)-thiazolylidene]-1H-isoindol-3-yl-κN]-1H-isoindol-3-aminato-κN2]-, chloride (1:1)
Antimony nickel titanium oxide
Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, nickel(2+) salt (2:1)
Sulfuric acid, nickel(2+) salt (1:1), tetrahydrate
Sulfuric acid, nickel(2+) salt (1:1), pentahydrate
Sulfuric acid, nickel(2+) salt (1:1), dihydrate
Godlevskite (Ni7S6)
Nickel Sulfide (Ni4S)
Nickel(2+), ((1,1'-biphenyl)-4,4'-diamine-N)-
Nickel, bis[[2-(hydroxy-κO)-4-octylphenyl]phenylmethanonato-κO]-
Nickel, [29H,31H-phthalocyaninato(2-)-κN29,κN30,κN31,κN32]-, [(3-aminophenyl)amino]sulfonyl sulfo derivs.
Nickel, dextrin complexes
Sulfuric acid, nickel(2+) salt (1:1), reaction products with nickel and nickel oxide (NiO)
Nickelate(4-), [22-[[4-sulfophenyl]amino]sulfonyl]-29H,31H-phthalocyanine-1,8,15-trisulfonato(6-)-κN29,κN30,κN31,κN32]-, hydrogen (1:4), (SP-4-2)-
2-ethylhexanoic acid;nickel;2,2,2-trifluoroacetic acid
Acetic acid, nickel(2+) salt (2:1), polymer with formaldehyde and 4-(1,1,3,3-tetramethylbutyl)phenol
Nickel, [[2,2'-[methylenebis(thio-κS)]bis[acetato-κO]](2-)]-
Nickel(2+), tris(1,2-ethanediamine-κN,κN')-, (OC-6-11)-, salt with dimethylbenzenesulfonic acid (1:2)
Nickel(2+), bis(1,2-ethanediamine-κN,κN')-, salt with dimethylbenzenesulfonic acid (1:2)
Nickel, bis[N-hydroxy-3-(hydroxyimino-κN)-N'-(2-methoxyphenyl)butanimidamido-κN']-
Nickel, [N-(4-chlorophenyl)-3-[2-[[1-(4-chlorophenyl)-4,5-dihydro-3-methyl-5-(oxo-κO)-1H-pyrazol-4-yl]methylene]hydrazinylidene-κN2]-α-cyano-1H-isoindole-3-acetamidato(2-)-κN2,κO3]-
Sulfuric acid, nickel salt (1:?), reaction products with sulfurized phenol calcium salt (2:1)
Nickel, [N,N',N''-tris[4-(4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-1-yl)phenyl]-29H,31H-phthalocyanine-C,C,C-trisulfonamidato(2-)-κN29,κN30,κN31,κN32]-
Nickelate(6-), [C-[[[3-[2-[4,5-dihydro-3-methyl-5-oxo-1-[3-sulfo-4-[2-[2-sulfo-4-[(2,5,6-trichloro-4-pyrimidinyl)amino]phenyl]ethenyl]phenyl]-1H-pyrazol-4-yl]diazenyl]-4-sulfophenyl]amino]sulfonyl]-29H,31H-phthalocyanine-C,C,C-trisulfonato(8-)-κN29,κN30,
Nickel bis(dimethyldithiocarbamate)
Nickel dichromate
Diammonium nickel bis(sulphate)
Hexakis(1H-imidazole-N3)nickel(2+) dichloride
Nickel triuranium decaoxide
Formic acid, nickel salt
Bis[2-hydroxy-4-(octyloxy)benzophenonato]nickel
Nickel tellurium trioxide
Nickel tellurium tetraoxide
Nickel(2+) trifluoroacetate
[[2,2'-sulphonylbis[4-(1,1,3,3-tetramethylbutyl)phenolato]](2-)-O1,O1',O2]nickel
Nickel sulphide
Citric acid , ammonium nickel salt
Nickel bis(dihydrogen phosphate)
Nickel(2+) hydrogen citrate
Nickel di(acetate)
Nickel(2+) stearate
Bis(pentane-2,4-dionato-O,O')nickel
Nickel oxalate
Nickel dibenzoate
Nickel dicyanide
Bis(η5-2,4-cyclopentadien-1-yl)nickel

Bis(1,5-cyclooctadiene)nickel
Nickel monoxide
Nickel selenide
Dinickel trioxide
Nickel sulphate
Antimony nickel titanium oxide yellow
Nickel difluoride
Nickel(2+) selenite
Trinickel bis(orthophosphate)
Aluminium, compound with nickel (1:1)
Dialuminium nickel tetraoxide
Nickel boride
Dinickel boride
Trinickel boride
Dichromium nickel tetraoxide
Nickel carbonate
Nickel diformate
Nickel(2+) propionate
Nickel bis(4-cyclohexylbutyrate)
Nickel bis(2-ethylhexanoate)
Nickel(2+) octanoate
Trinickel dicitrate
Nickel(II) fumarate
2-ethylhexanoic acid, nickel salt
Nickel dichloride
Nickel(2+) sulphite
Nickel, compound with niobium (1:1)
Nickel dioxide
Nickel tin trioxide
Nickel titanium trioxide
Antimony, compound with nickel (1:1)
Dinickel phosphide
Trinickel disulphide
Nickel dihydroxide
Dinickel silicide
Nickel, compound with tin (3:1)
Nickel diarsenide
Nickel telluride
Nickel, compound with zirconium (1:2)
Diiron nickel tetraoxide
Di- μ -carbonylbis(η^5 -2,4-cyclopentadien-1-yl)dinickel
Dysprosium, compound with nickel (1:2)
Lanthanum, compound with nickel (1:5)
Nickel disilicide
Trinickel bis[tetracos- μ -oxododecaoxo[μ 12-[phosphato(3-)-O:O:O:O':O':O':O":O":O":O":O":O":O":O":O":O]]dodecamolybdate(3-)]
Antimony, compound with nickel (1:3)
Trihydrogen hydroxybis[orthosilicato(4-)]trinickelate(3-)
[carbonato(2-)]tetrahydroxytrinickel
Nickel titanium oxide
Bismuth, compound with nickel (1:1)
Bis(1-nitroso-2-naphtholato)nickel
Nickel(2+) oleate
Dicarbonylbis(triphenylphosphine)nickel

Nickel dinitrate
Nickel dibromide
Nickel diiodide
Tetracarbonylnickel
Trinickel bis(arsenate)
Bis(butanedione dioximato)nickel
Nickel diperchlorate
Nickel(2+) palmitate
Nickel dithiocyanate
Nickel bis(sulphamidate)
Dinickel orthosilicate
Nickel dipotassium bis(sulphate)
Dipotassium tetrafluoronickelate(2-)
Tetrakis(trifluorophosphine)nickel
[N-(carboxymethyl)glycinato(2-)-N,O,ON]nickel
Hexaaminenickel(2+) bis[tetrafluoroborate(1-)]
Nickel bis(dibutyldithiocarbamate)
Disodium tetracyanonickelate(2-)
[29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]nickel
Bis(quinolin-8-olato-N1,O8)nickel
Nickel tungsten tetraoxide
Molybdenum nickel tetraoxide
Nitric acid, nickel salt
Dipotassium tetracyanonickelate
Bis(triphenylphosphine)nickel(II) chloride
Bis(diethyldithiocarbamato-S,S')nickel
Nickel hydrogen phosphate
Bis(1-nitrosonaphthalen-2-olato-N1,O2)nickel
Bis[bis(2-ethylhexyl)dithiocarbamato-S,S']nickel
Dinickel diphosphate
Nickel bis(phosphinate)
(butylamine)[[2,2'-thiobis[4-(1,1,3,3-tetramethylbutyl)phenolato]](2-)-O,O',S]nickel
Bis(6-methylheptane-2,4-dionato-O,O')nickel
Nickel dibromate
Nickel bis(tetrafluoroborate)
Nickel chromate
Dinickel hexacyanoferrate
Bis(1,1,1,5,5,5-hexafluoropentane-2,4-dionato-O,O')nickel
Nickel acetate
Nickel selenate
Bis(diisobutyldithiocarbamato)nickel
Nickel(II) bromide 2-methoxyethyl ether complex
Tetrakis(triphenylphosphine)nickel(0)
dichloronickel;1,2-dimethoxyethane
Nickel(II) bromide ethylene glycol dimethyl ether complex
1000 NN Ferrite
1,2-Bis(diphenylphosphino)ethane nickel(II) chloride
Nickel(II) sulfate hexa-/ heptahydrate
Nickel(II) 1,4,8,11,14,18,22,25-octa-n-butoxy-29H,31H-phthalocyanine
Nickel carbide
Nickel carbonate hydroxide tetrahydrate
NICKEL(II) TRIFLUOROMETHANESULFONATE
Nickel(II) tetrafluoroborate hexahydrate
Tetrabutylammonium Bis(1,3-dithiole-2-thione-4,5-dithiolato)nickel(III) Complex

Nickel(II) bromide trihydrate
Perchloric acid, nickel(2+) salt, hexahydrate
[[2,2'-thiobis[3-octylphenolato]](2-)-O,O',S]nickel
Hydrogen [N,N-bis(carboxymethyl)glycinato(3-)-N,O,O',O'']nickelate(1-)
Tetrakis(tritolyl phosphite)nickel
Nickel bisphosphinate
Bis(dipentyl dithiocarbamate-S,S')nickel
Nickel chloride
Silicic acid, nickel salt
Bis[1-[4-(dimethylamino)phenyl]-2-phenylethylene-1,2-dithiolato(2-)-S,S']nickel
Tris(4,7-diphenyl-1,10-phenanthroline-N1,N10)nickel(2+) dinitrate
Bis[2-butene-2,3-dithiolato(2-)-S,S']nickel
Bis[4,4'-dimethoxy- α,α' -stilbenedithiolato(2-)]nickel
Dipotassium tris(cyano-C)nickelate(2-)
Nickel bis(benzenesulphonate)
Nickel bis(piperidine-1-carbodithioate)
Bis[2,3-bis(hydroxyimino)-N-(2-methoxyphenyl)butyramidato]nickel
[1,3-dihydro-5,6-bis[[2-hydroxy-1-naphthyl)methylene]amino]-2H-benzimidazol-2-onato(2-)-N5,N6,O5,O6]nickel
[[2,2'-(4,8-dichlorobenzo[1,2-d:4,5-d']bisoxazole-2,6-diyl)bis[4,6-dichlorophenolato]](2-)]nickel
Nickel acrylate
Neodecanoic acid, nickel salt
Copper, compound with lanthanum and nickel (4:1:1)
Bis[3-[(4-chlorophenyl)azo]quinoline-2,4(1H,3H)-dionato]nickel
Nickel [R(R*,R*)]-tartrate
Bis[(2-hydroxyethyl)dithiocarbamate-S,S']nickel
Bis[bis(2-hydroxyethyl)dithiocarbamate-S,S']nickel
Nickel(2+) methacrylate
Nickel divanadium hexaoxide
Bis(diethyl dithiocarbamate-S,S')nickel
Nickel 3,5-bis(tert-butyl-4-hydroxybenzoate (1:2)
Bis[2,4-dihydro-5-methyl-4-(1-oxodecyl)-2-phenyl-3H-pyrazol-3-onato-O,O']nickel
[[1,1'-[1,2-phenylenebis(nitrilomethylidene)]bis[2-naphtholato]](2-)-N,N',O,O']nickel
Oxalic acid, nickel salt
Bis(ethane-1,2-diamine)nickel(2+) sulphate
Nickel(2+) silicate
[μ -[[1,1',1'',1'''-[benzene-1,2,4,5-tetrayltetrakis(nitromethylidene)]naphth-2-olato](4-)]dinickel
Citric acid, nickel salt
Ammonium nickel trichloride
Dihydrogen [[N,N'-ethylenebis[N-(carboxymethyl)glycinato]](4-)-N,N',O,O',ON,ON']nickelate(2-)
Nickel hexafluorosilicate
Nickel arsenide
[[2,2'-thiobis[4-(1,1,3,3-tetramethylbutyl)phenolato]](2-)-O,O',S]nickel
Nickel isooctanoate
[29H,31H-phthalocyaninetetrasulphonyl tetrachloridato(2)-N29,N30,N31,N32]nickel
Bis[stilbene- α,β -dithiolato(2-)]nickel
Bis[2,3-bis(hydroxyimino)-N-phenylbutyramidato-N2,N3]nickel
Nickel(II) isooctanoate
Nickel hexafluorozirconate(2-)
Nickel(2+) diethyl bis[[[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]phosphonate]
Nickel silicate(3:4)
Cobalt nickel dioxide
Nickel(2+) acrylate
Hydrogen [3,4-bis[[2-hydroxy-1-naphthyl)methylene]amino]benzoato(3-)-N3,N4,O3,O4]nickelate(1-)

Nickel, 3-[(4-chlorophenyl)azo]-4-hydroxy-2(1H)-quinolinone complex
Naphthenic acids, nickel salts
Bis(ethylenediamine-N,N')copper tetrakis(cyano-C)nickelate
Tetrapotassium [[[nitrilotris(methylene)]tris[phosphonato]](6-)]nickelate(4-)
Tripotassium [N,N-bis(phosphonomethyl)glycinato(5-)]nickelate(3-)
Potassium [N,N-bis(carboxymethyl)glycinato(3-)-N,O,O',O'']nickelate(1-)
[2,3'-bis[[2-hydroxyphenyl)methylene]amino]but-2-enedinitrilato(2-)-N2,N3,O2,O3]nickel
[μ-[carbonato(2-)-O:O']dihydroxydinickel
(propan-2-ol)[[2,2'-thiobis[4-(1,1,3,3-tetramethylbutyl)phenolato]](2-)-O,O',S]nickel
Potassium [[N,N'-ethylenebis[N-(carboxymethyl)glycinato]](4-)-N,N',O,O',ON,ON']nickelate(1-)
Nickel(2+) dihydrogen bis[R-(R*,R*)]-tartrate
Nickel dichlorate
Nickel(2+) glycerol phosphate
Triammonium hydrogen [[[nitrilotris(methylene)]tris[phosphonato]](6-)]nickelate(4-)
Cobalt dimolybdenum nickel octaoxide
Diammonium nickel bis(hydrogen citrate)
Triammonium [N,N-bis(phosphonomethyl)glycinato(5-)]nickelate(3-)
Trisodium [N,N-bis(phosphonomethyl)glycinato(5-)]nickelate(3-)
Tetrasodium [[[nitrilotris(methylene)]tris[phosphonato]](6-)-N,O,O'',O'''nickelate(4-)]
Molybdenum nickel hydroxide oxide phosphate
[(2-amino-2-oxoethoxy)acetato(2-)]nickel
Formic acid, copper nickel salt
Cobalt titanite green spinel
Cobalt nickel gray periclase
Nickel ferrite brown spinel
Tris(4,7-diphenyl-1,10-phenanthroline-N1,N10)nickel(2+) bis[tetrafluoroborate(1-)]
Resin acids and Rosin acids, nickel salts
2,3-dihydroxypropyl (dihydrogen phosphate), nickel salt (1:1)
Nickel, [29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]-, sulfo [[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]sulfonyl derivs.
Nickel, 5,5'-azobis-2,4,6(1H,3H,5H)-pyrimidinetrione complexes
Zinc sulfide (ZnS), nickel and silver-doped
Olivine, nickel green
Zinc sulfide (ZnS), copper and nickel-doped
Resin acids and Rosin acids, calcium nickel salts
Nickel barium titanium primrose priderite
Nickel niobium titanium yellow rutile
Nickelate(6-), [4-[[5-[[[(3,6-dichloro-4-pyridazinyl)carbonyl]amino]-2-sulfophenyl]azo]-4,5-dihydro-5-oxo-1-[5-[[[(trisulfo-29H,31H-phthalocyaninyl)sulfonyl]amino]-2-sulfophenyl]-1H-pyrazole-3-carboxylato(8-)-N29,N30,N31,N32]-, hexahydrogen
Hexaamminenickel(2+) diformate
Zinc sulfide (ZnS), copper and nickel and silver-doped
Bis(2-heptadecyl-1H-imidazole-N3)bis(octanoato-O)nickel
Pentaammonium hydrogen [[[ethylenebis[nitrilobis(methylene)]]tetrakis[phosphonato]](8-)]nickelate(6-)
Hydrogen pentapotassium [[[ethylenebis[nitrilobis(methylene)]]tetrakis[phosphonato]](8-)]nickelate(6-)
Hydrogen pentasodium [[[ethylenebis[nitrilobis(methylene)]]tetrakis[phosphonato]](8-)]nickelate(6-)
Bis(ethane-1,2-diamine-N,N')nickel(2+) bis[bis(cyano-C)aurate(1-)]
Nickel icosatitanium pentatriacontaoxide diwolframate
Slags, ferronickel-manufg.
Matte, nickel
Bis(4-benzoyl-2,4-dihydro-5-methyl-2-phenyl-3H-pyrazol-3-onato-O,O')nickel
Nickel zirconium trioxide
Bis(5-oxo-L-prolinato-N1,O2)nickel
Bis(3-amino-4,5,6,7-tetrachloro-1H-isoindol-1-one oximato-N2,O1)nickel

Trisodium [22-[[[3-[(5-chloro-2,6-difluoro-4-pyrimidinyl)amino]phenyl]amino]sulphonyl]-29H,31H-phthalocyanine-1,8,15-trisulphonato(5-)-N29,N30,N31,N32]nickelate(3-)
Nickel iron chromite black spinel
Ethyl hydrogen sulphate, nickel(2+) salt
Nickel uranyl tetraacetate, of uranium depleted in uranium-235
[μ-(piperazine-N1:N4)]bis[3-[1-[(4,5,6,7-tetrachloro-1-oxo-1H-isoindol-3-yl)hydrazono]ethyl]quinoline-2,4(1H,3H)-dionato(2-)]dinickel
Bis(D-gluconato-O1,O2)nickel
Dihydrogen hexasodium bis[3-[(2-amino-8-hydroxy-6-sulpho-1-naphthyl)azo]-2-hydroxy-5-sulphobenzoato(5-)]nickelate(8-)
Nickelate(6-), [22-[[[3-[[4,5-dihydro-3-methyl-5-oxo-1-[3-sulfo-4-[2-[2-sulfo-4-[(2,5,6-trichloro-4-pyrimidinyl)amino]phenyl]ethenyl]phenyl]-1H-pyrazol-4-yl]azo]-4-sulfophenyl]amino]sulfonyl]-29H,31H-phthalocyanine-1,8,15-trisulfonato(8-)-N29,N30,N31,N32]-, hexasodium, (SP-4-2)-yl)amino]phenyl]amino]sulphonyl]tris(aminosulphonyl)-29H,31H-phthalocyaninetrisulphonato(5-)-N29,N30,N31,N32]nickelate(3-)
Nickel, [29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]-, [[3-[(1,3-dioxobutyl)amino]phenyl]amino]sulfonyl derivs.
[N,N',N'',N'''-tetrakis[4-(4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-1-yl)phenyl]-29H,31H-phthalocyaninetetrasulphonamidato(2-)-N29,N30,N31,N32]nickel
Antimony oxide (Sb2O3), solid soln. with nickel oxide (NiO) and titanium oxide (TiO2)
Bis[N-(2-hydroxyethyl)-N-methylglycinato-N,O,ON]nickel
Tetrahydrogen [[[3-amino-4-sulphophenyl]amino]sulphonyl]-29H,31H-phthalocyaninetrisulphonato(6-)-N29,N30,N31,N32]nickelate(4-)
Bis(4-benzoyl-2,4-dihydro-5-methyl-2-phenyl-3H-pyrazol-3-onato-O,O')(2,2,4,4-tetramethyl-7-oxa-3,20-diazadispiro[5.1.11.2]henicosan-21-one-O21)nickel
Trisodium [5-[(4,5-dihydro-3-methyl-5-oxo-1-phenyl-1H-pyrazol-4-yl)azo]-4-hydroxy-3-[(2-hydroxy-3-nitro-5-sulphophenyl)azo]naphthalene-2,7-disulphonato(5-)]nickelate(3-)
Dimethoxy[29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]nickel
Leach residues, nickel-vanadium ore
Bis[di(3,5,5-trimethylhexyl)dithiocarbamate-S,S']nickel
Fatty acids, C8-18 and C18-unsatd., nickel salts
(isooctanoato-O)(neodecanoato-O)nickel
(isodecanoato-O)(isononanoato-O)nickel
Nickel bis(isononanoate)
(2-ethylhexanoato-O)(isooctanoato-O)nickel
(2-ethylhexanoato-O)(isodecanoato-O)nickel
Nickelate(6-), [4-[[5-[[[3,6-dichloro-4-pyridazinyl]carbonyl]amino]-2-sulphophenyl]azo]-4,5-dihydro-5-oxo-1-[2-sulfo-5-[[[trisulfo-29H,31H-phthalocyaninyl]sulfonyl]amino]phenyl]-1H-pyrazole-3-carboxylato(8-)-N29,N30,N31,N32]-, hexasodium
(neononanoato-O)(neoundecanoato-O)nickel
Nickel(2+) neoundecanoate
Nickel(2+) neononanoate
Tetrasodium [[[3-amino-4-sulphophenyl]amino]sulphonyl]-29H,31H-phthalocyaninetrisulphonato(6-)-N29,N30,N31,N32]nickelate(4-)
Dimethylhexanoic acid, nickel salt
Cobalt(2+) dinickel(2+) bis[2-hydroxypropane-1,2,3-tricarboxylate]
Dicobalt(2+) nickel(2+) bis[2-hydroxypropane-1,2,3-tricarboxylate]
Nickel methacrylate
Nickel, [29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]-, chlorosulfonyl derivs., reaction products with 2-[(4-aminophenyl)sulfonyl]ethyl hydrogen sulfate monosodium salt, potassium salts
Nickel, [29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]-, chlorosulfonyl derivs., reaction products with 2-[(4-aminophenyl)sulfonyl]ethyl hydrogen sulfate monosodium salt, sodium salts
Spinel, cobalt nickel zinc grey

Tetrasodium [bis[[[4-[[2-(sulphooxy)ethyl]sulphonyl]phenyl]amino]sulphonyl]-29H,31H-phthalocyaninedisulphonato(6)-N29,N30,N31,N32]nickelate(4-)
[[N,N',N''-[29H,31H-phthalocyaninetriyltris(sulphonylimino-3,1-phenylene)]tris[3-oxobutyramidato]](2-)-N29,N30,N31,N32]nickel
[[N,N',N'',N'''-[29H,31H-phthalocyaninetetrayltetrakis(sulphonylimino-3,1-phenylene)]tetrakis[3-oxobutyramidato]](2-)-N29,N30,N31,N32]nickel
Diiron nickel zinc tetraoxide
Bis(5-oxo-DL-prolinato-N1,O2)nickel
(2-ethylhexanoato-O)(neodecanoato-O)nickel
(isodecanoato-O)(isooctanoato-O)nickel
Bis[N-(2,4-dimethoxyphenyl)-2,3-bis(hydroxyimino)butyramidato-N2,N3]nickel
Nickel, 2,2'-thiobis[4-nonylphenol] complexes
(isodecanoato-O)(neodecanoato-O)nickel
Nickel(II) isodecanoate
Nickel(2+) neodecanoate
(2-ethylhexanoato-O)(isononanoato-O)nickel
(isononanoato-O)(isooctanoato-O)nickel
(isononanoato-O)(neodecanoato-O)nickel
Nickel, isodecanoate naphthenate complexes
Nickel, isononanoate naphthenate complexes
Nickel, naphthenate neodecanoate complexes
Bis(1H-1,2,4-triazole-3-sulphonato-N2,O3)nickel
[[3-[1-cyano-2-(methylamino)-2-oxoethylidene]-2,3-dihydro-1H-isoindol-1-ylidene](salicylic)hydrazidato(2-)]nickel
Nickel, acetate carbonate C8-10-branched fatty acids C9-11-neofatty acids complexes
Nickel, borate C8-10-branched carboxylate complexes
Nickel, C5-C23-branched carboxylate octanoate complexes
Nickel, isooctanoate naphthenate complexes
Nickel, acetylacetone 6-methyl-2,4-heptanedione complexes
Nickel, [29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]-, [[3-[(5-chloro-2,6-difluoro-4-pyrimidinyl)amino]phenyl]amino]sulfonyl sulfo derivs., sodium salts
pyrazol-4-yl]azo]phenyl]amino]sulfonyl]-29H,31H-phthalocyaninedisulfonato(6-)-N29,N30,N31,N32]-, sodium
Waste solids, chromium-nickel steel manuf.
Waste solids, nickel-manuf.
Fatty acids, C6-19-branched, nickel salts
Nickel, C5-23-branched carboxylate naphthenate complexes
Nickel, C5-25-branched carboxylate naphthenate octanoate complexes
Nickel, borate neodecanoate complexes
Nickel, C5-23-branched carboxylate C4-10-fatty acids naphthenate complexes
Nickel, C4-10 fatty acids naphthenate complexes
Nickel, C4-10 fatty acids octanoate complexes
Nickel, [29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]-, chlorosulfonyl derivs., reaction products with 2-[(4-aminophenyl)sulfonyl]ethyl hydrogen sulfate monosodium salt, potassium sodium salts, compds. with pyridine
Nickel, C5-23-branched carboxylate C4-10 fatty acids complexes
Copper, bis(8-quinolinolato-N1,O8)-, reaction products with C8-10-branched fatty acids, tert-decanoic acid, nickel(2+) diacetate, nickel(2+) carbonate (1:1) and nickel hydroxide (Ni(OH)2)
Speiss, lead, nickel-contg.
Diammonium tetrachloronickelate(2-)
Cassiterite, cobalt manganese nickel grey
Residues, copper-iron-lead-nickel matte, sulfuric acid-insol.
[2,2'-[1,2-phenylenebis(nitrilomethylidyne)]-bis(phenolato)]-N,N',O,O'-nickel(II)

Tetrasodium (c-(3-(1-(3-(e-6-dichloro-5-cyanopyrimidin-f-yl(methyl)amino)propyl)-1,6-dihydro-2-hydroxy-4-methyl-6-oxo-3-pyridylazo)-4-sulfonatophenylsulfamoyl)phthalocyanine-a,b,d-trisulfonato(6-))nickelato II, where a is 1 or 2 or 3 or 4,b is 8 or 9 or 10 or 11,c is 15 or 16 or 17 or 18, d is 22 or 23 or 24 or 25 and where e and f together are 2 and 4 or 4and 2 respectively
Hexasodium (di-[N-(3-(4-[5-(5-amino-3-methyl-1-phenylpyrazol-4-yl-azo)-2,4-disulfo-anilino]-6-chloro-1,3,5-triazin-2-ylamino)phenyl)-sulfamoyl](di-sulfo)-phthalocyaninato)nickel
dinickel(2+) sodium bis(3-carboxy-5-[(E)-2-(7-oxido-2,6-disulfonaphthalen-1-yl)diazen-1-yl]-1H-1,2,4-triazol-1-ide)
Nickel, compound with Titanium (1:1)
Nickel fluoride (NiF ₂), tetrahydrate
Nickel, [29H,31H-phthalocyaninato(2-)-[?]N29,[?]N30,[?]N31,[?]N32]-, [[3-[(5-chloro-6-fluoro-4-pyrimidinyl)amino]phenyl]amino]sulfonyl sulfo derivs., sodium salts
Nickel, [6,8,16,18-tetrachloro-1,11-bis(2-furanylmethyl)-1,10,11,20-tetrahydrodibenzo[c,j]dipyrazolo[3,4-f:3',4'-m][1,2,5,8,9,12]hexaazacyclotetradecinato(2-)-N5,N10,N15,N20]-
Nickel hydride (NiH)
cobalt lithium manganese nickel oxide
Nickel, [29H,31H-phthalocyaninato(2-)-[?]N29,[?]N30,[?]N31,[?]N32]-, sulfo [[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]sulfonyl derivs., sodium salts
Phosphinic acid, nickel(2+) salt, hexahydrate
Nickel, dichloro[1,1'-(1,3-propanediyl)bis[1,1-diphenylphosphine-[?]P]]-
Bunsenite (NiO)
Nickel sulfide (millerite)
nickel dilactate
nickel potassium fluoride
phosphoric acid, calcium nickel salt
Diphosphoric acid, nickel(2+) salt
diammonium nickel hexacyanoferrate
trinickel tetrasulfide
trinickel bis(arsenite)
Cobalt nickel oxide
silicic acid, lead nickel salt
2,7-naphthalenedisulfonic acid, nickel(II) salt
Nickel boride phosphide
lithium nickel dioxide
molybdenum nickel oxide
Hexaamminenickel(II) chloride
Dibromobis(tributylphosphine)nickel(II)
Dichlorobis(trimethylphosphine)nickel(II)
Nickel, tetrakis(triphenyl phosphite-.kappa.p)-, (t-4)-
N,N'-Bis(salicylidene)ethylenediaminonickel(II)
Tetraethylammonium tetrachloronickelate(II)
Bis(tricyclohexylphosphine)nickel(II) Dichloride
Dichlorobis(tributylphosphine)nickel(II)
Nickel(II) chloride hydrate
Ethylenediaminetetraacetic Acid Disodium Nickel(II) Salt Hydrate
Dipotassium tetracyanonickelate hydrate
Nickel ammonium sulfate hexahydrate
Nickel sulfamate tetrahydrate
Nickel(II) carbonate hydroxide tetrahydrate
Nickel sulfide (NiS ₂)
azanide;nickel(2+);carbonate
nickel(2+) disodium 2,2',2'',2'''-(ethane-1,2-diyldinitrilo)tetraacetate
Lithium Nickel Cobalt Aluminium Oxide

Nitric acid, nickel(2+) salt, hydrate
Nickel chloride(NiCl)
Sulfuric acid, nickel(2+) salt (1:1), monohydrate
Nickelate(2-), tetracyano-, dipotassium, hydrate
Phosphoric acid, nickel salt
Nickel, bis(hexahydro-1H-azepine-1-carbodithioato-κS1,κS'1)-, (SP-4-1)-
Octadecanoic acid, nickel salt
Nitric acid, nickel(3+) salt
Nickelate(1-), trichloro-, ammonium, hexahydrate
Nitric acid, nickel(2+) salt, tetrahydrate
Carbonic acid, nickel(2+) salt (1:1), hexahydrate
Carbonic acid, nickel(2+) salt (2:1)
Nickel chloride (NiCl2), dihydrate
NITROUS ACID, NICKEL (2+) SALT
Nitric acid, nickel(2+) salt, octahydrate
1,2-Benzenedicarboxylic acid, 3,4,5,6-tetrabromo-, nickel(2+) salt (1:1)
Nickel(2+), bis(1,2-propanediamine-κN1,κN2)-, bis(cyano-κC)aurate(1-) (1:2)
Aluminiummagnesiumnickelsiliziumoxide
Aluminum boron cobalt lithium nickel oxide
2-[bis(carboxylatomethyl)amino]acetate;nickel(3+)
Nitric acid, nickel(2+) salt, dihydrate
Titanate(2-), hexafluoro-, nickel(2+), (1:1), (OC-6-11)-
Nickel chloride (NiCl2), tetrahydrate
Nickel, bis[(2-phenyldiazene-carbothioic acid-κS) 2-phenylhydrazidato-κN2]-
Nickel dihydroxide hydrate
Nickel hydride
Trinickel phosphide
Nickel, aqua[2-[2-[4,5-dihydro-3-methyl-5-(oxo-κO)-1H-pyrazol-4-yl]diazanyl-κN1]benzoato(2-)-κO]-
Nickel(2+), hexakis(1H-imidazole-κN3)-, (OC-6-11)-, 1,2-benzenedicarboxylate (1:1)
Nickel, [29H,31H-phthalocyaninato(2-)-κN29,κN30,κN31,κN32]-, sulfo [[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]sulfonyl derivs., potassium sodium salts
Nickelate(6-), [4-[2-[5-[[[(3,6-dichloro-4-pyridazinyl)carbonyl]amino]-2-sulfophenyl]diazanyl]-4,5-dihydro-5-oxo-1-[5-[[[C,C,C-trisulfo-29H,31H-phthalocyanin-C-yl)sulfonyl]amino]-2-sulfophenyl]-1H-pyrazole-3-carboxylato(8-)-κN29,κN30,κN31,κN32]-, sodium
Nickel disulfide
Nickel silicide (NiSi)
Nickel Sulfide (Ni9S8)
Polydymite (Ni3S4)
Nickel Black
Nickel sulfide (Ni2S)
Nickel oxide (Ni3O4)
Nickel carbide (NiC)
Nickel sulfide (Ni2S3)
Carbamic acid, ethylenebis(dithio-, nickel(II) salt
Nickel, [carbonato(2-)]hexahydroxytetra-
Nickel oxide (Ni2O)
Nickel sulfide (Ni7S6)
Nickel arsenide
Rammelsbergite (NiAs2)
Substances which are classified as carcinogen category 1A or 1B in Part 3 of Annex VI to Regulation (EC) No 1272/2008 and are listed in Appendix 1 or Appendix 2, respectively.
Carcinogen category 1B (Table 3.1)/ carcinogen category 2 (Table 3.2) listed in Appendix 2
Carcinogen category 1A (Table 3.1)/ carcinogen category 1 (Table 3.2) listed in Appendix 1

Substances which are classified as germ cell mutagen category 1A or 1B in Part 3 of Annex VI to Regulation (EC) No 1272/2008 and are listed in Appendix 3 or Appendix 4, respectively.
Mutagen category 1B (Table 3.1)/ mutagen category 2 (Table 3.2) listed in Appendix 4
Mutagen category 1A (Table 3.1)/ mutagen category 1 (Table 3.2) listed in Appendix 3
Substances which are classified as reproductive toxicant category 1A or 1B in Part 3 of Annex VI to Regulation (EC) No 1272/2008 and are listed in Appendix 5 or Appendix 6, respectively.
Reproductive toxicant category 1B adverse effects on sexual function and fertility or on development (Table 3.1) or reproductive toxicant category 2 with R60 (May impair fertility) or R61 (May cause harm to the unborn child) (Table 3.2) listed in Appendix 6
Reproductive toxicant category 1A adverse effects on sexual function and fertility or on development (Table 3.1) or reproductive toxicant category 1 with R60 (May impair fertility) or R61 (May cause harm to the unborn child) (Table 3.2) listed in Appendix 5
Creosote and Creosote related substances
Distillates (coal tar), upper; heavy anthracene oil
Creosote oil, high-boiling distillate
Low temperature tar oil, alkaline; extract residues (coal), low temperature coal tar alkaline
Creosote; wash oil
Creosote, wood
Anthracene oil
Creosote oil, acenaphthene fraction; wash oil
Tar acids, coal, crude; crude phenols
Creosote oil; wash oil
Distillates (coal tar), naphthalene oils; naphthalene oil
Chloroform
1,1,2-Trichloroethane
1,1,2,2-Tetrachloroethane
1,1,1,2-Tetrachloroethane
Pentachloroethane
1,1-Dichloroethene
Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not
Hexachloroethane
Azocolourants and Azodyes
A mixture of: disodium (6-(4-anisidino)-3-sulfonato-2-(3,5-dinitro-2-oxidophenylazo)-1-naphtholato)(1-(5-chloro-2-oxidophenylazo)-2-naphtholato)chromate(1-); trisodium bis(6-(4-anisidino)-3-sulfonato-2-(3,5-dinitro-2-oxidophenylazo)-1-naphtholato)chromate(1-)
4-o-tolylazo-o-toluidine
Diphenylether, octabromo derivative C12H2Br8O
Diphenyl ether, octabromo derivative
Entry 46
Nonylphenol ethoxylates (C2H4O)nC15H24O
Nonylphenol C6H4(OH)C9H19
Nonylphenol ethoxylates (C2H4O)nC15H24O
[No public or meaningful name is available]
Nonylphenol, ethoxylated
Isononylphenol, ethoxylated
Nonylphenol, branched, ethoxylated
4-Nonylphenol, branched, ethoxylated
[No public or meaningful name is available]
4-Nonylphenol, ethoxylated
Chromium VI compounds

Toluene
Trichlorobenzene
Polycyclic-aromatic hydrocarbons (PAH)
Benzo[e]pyrene (BeP)
Benzo[j]fluoranthene (BjFA)
Benzo[b]fluoranthene (BbFA)
Benzo[a]anthracene (BaA)
Chrysen (CHR)
Benzo[a]pyrene (BaP)
Dibenzo[a,h]anthracene (DBAhA)
Benzo[k]fluoranthene (BkFA)
Diisobutyl phthalate (DIBP); Dibutyl phthalate (DBP); Benzyl butyl phthalate (BBP); Bis(2-ethylhexyl) phthalate (DEHP)
Bis (2-ethylhexyl) phthalate (DEHP)
Benzyl butyl phthalate (BBP)
Dibutyl phthalate (DBP)
Diisobutyl phthalate
The following phthalates (or other CAS and EC numbers covering the substance) (See group members) [Entry 52]
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich
1,2-Benzenedicarboxylic acid, di-C9-11-branched alkyl esters, C10-rich
Di-n-octyl phthalate (DNOP)
Di- "isononyl" phthalate (DINP)
Di- "isodecyl" phthalate (DIDP)
2-(2-methoxyethoxy)ethanol (DEGME)
2-(2-butoxyethoxy)ethanol (DEGBE)
Methylenediphenyl diisocyanate (MDI) including the following specific isomers (See group members):
Methylenediphenyl diisocyanate (MDI)
4,4' -Methylenediphenyl diisocyanate
2,4' -Methylenediphenyl diisocyanate
2,2' -Methylenediphenyl diisocyanate
Cyclohexane
Ammonium nitrate (AN)
Dichloromethane
Acrylamide
Dimethyl fumarate (DMFu)
Entry 62
Phenylmercury acetate
Phenylmercury propionate
Phenylmercury octanoate
Phenylmercury neodecanoate
Phenylmercury 2-ethylhexanoate
Lead and its compounds
Lead compounds
Lead
Carbamodithioic acid, phenylethyl-, lead salt
Bismuth alloy, Bi 50,Pb 25,Cd 12,Sn 12 (L-pbbi50Sn12.5Cd12.5)
Arsenic acid (H3AsO4), lead salt
Pigment Lightfast Lead-Molybdate Orange OS (9CI)
(2-Methyl-4,6-dinitrophenoxy)(nitrooxy)diplumboxane monohydrate
2-[carboxylatomethyl(carboxymethyl)amino]acetate;lead(2+)
Glycine, N,N-bis(carboxymethyl)-, lead(2+) potassium salt (1:1:1)
2-[bis(carboxylatomethyl)amino]acetate;lead(2+)
Lead (II) hydroxide salicylate

Arsenic acid (H ₃ AsO ₄), lead(2+) salt (4:5)
Boric acid (H ₃ BO ₃), lead(2+) salt (2:3)
Chromic acid (H ₂ CrO ₄), lead(2+) sodium salt (2:1:2)
Methanesulfonic acid, lead salt
Lead, di-mu-hydroxy(2-methyl-4,6-dinitrophenolato-kappaO)(nitrato-kappaO)di-
Lanthanum lead titanium zirconium oxide
Benzoic acid, 4-methyl-, lead(4+) salt
Phenol, lead(2+) salt (2:1)
Phenol, lead salt
Benzoic acid, methyl-, lead(2+) salt
Tetracosanoic acid, lead(2+) salt
Lead, bis[bis(1-methylethyl)carbomodithioato-S,S']-, (T-4)-
Benzoic acid, 3-methyl-, lead(4+) salt
Nonanoic acid, lead salt
Benzoic acid, 2-methyl-, lead(2+) salt
Plumbate(1-), [N,N-bis(carboxymethyl)glycinato(3-)-N,O,O',O'']-, sodium, (T-4)-
Benzoic acid, 4-methyl-, lead(2+) salt
UNDECANSAEURE-PB(II)-SALZ
Nonanoic acid, lead(2+) salt
Lead, bis[bis(2-methylpropyl)carbomodithioato-S,S']-, (T-4)-
9-Octadecenoic acid, lead(2+) salt, (E)-
Lead, bis(dipropylcarbomodithioato-S,S')-, (T-4)-
Ethanesulfonic acid, 2-hydroxy-, lead(2+) salt (2:1)
22-Tricosenoic acid, lead(2+) salt
Benzoic acid, 2-methyl-, lead salt
Pentanoic acid, 2-propyl-, lead(2+) salt
Benzenesulfonic acid, hydroxy-, lead salt
Benzoic acid, 2-butyl, lead(2+) salt
1-Propanesulfonic acid, 2-hydroxy-, lead(2+) salt (2:1)
1-Propanesulfonic acid, 2-hydroxy-, lead salt
2-Propanesulfonic acid, 1-hydroxy-, lead salt
p-tert-Butylbenzoic acid lead salt
Lead sulfite
2',4',5',7'-Tetrabromofluorescein lead salt
Hexafluorosilicate(2-), lead(2+) (1:1), tetrahydrate
Lead dichlorite
Lead chloride (PbCl ₂)
Lead sulfide
Dilead dioxide
Lead fluoride (VAN)
Plumbylium, ethyldimethyl-
Plumbylium, diethylmethyl-
Plumbane, tributylchloro-
Lead bromide chloride
Plumbane, chlorotripropyl-
Plumbane, dichlorodimethyl-
Lead, diacetoxydiethyl- (7Cl)
Plumbane, (4-bromobutyl)triphenyl-
Plumbane, (4-azidobutyl)triphenyl-
1H-Imidazole, 1-(tributylplumbyl)-
Plumbane, bis(methacryloyloxy)dimethyl-
Plumbane, bis(acetyloxy)dibutyl-
Plumbane, tris(acetyloxy)phenyl-
[Nitrooxy(diphenyl)plumbyl] nitrate

Plumbane, triethyl[[4-(4-methylphenyl)sulfonyl]oxy]-
9H-Carbazole, 9-(triphenylplumbyl)-
1H-Indole, 1-(triphenylplumbyl)-
1H-Pyrrole, 1-(triphenylplumbyl)-
Plumbane, butyltrimethyl-
Lead diphenyl acid propionate
Butyl-ethyl-dimethylplumbane
Plumbane, tripropyl-
Lead, triethyl-, oleate
Butyl(triethyl)plumbane
Butyl-diethyl-methylplumbane
1H-Isoindole-1,3(2H)-dione, 4,5,6, 7-tetrachloro-2-(triethylplumbyl)-
Trimethyl lead
1H-1,2,3-Triazole-5-methanol, .alpha.,.alpha.-dimethyl-1-[4-(triphenylplumbyl)butyl]-
Plumbane, [(4-aminobenzoyl)oxy]triethyl-
Chromic acid (H ₂ CrO ₄), lead(2+) salt
Plumbium, trimethyl-
Diethyllead
Phenol, 2-methyldinitro-, lead salt
Lead chromate sulfate (Pb ₉ (CrO ₄) ₅ (SO ₄) ₄)
Arsenic acid, (H ₃ -As-O ₄), lead(4+) salt (4:3)
Acetic acid, fluoro-, triethyllead salt
Lead, bis(2-hydroxybenzoato-O ₁ ,O ₂)-, monohydrate, (T-4)-
Lead strontium titanium zirconium oxide
Naphthenic acid, cobalt lead manganese salt
Naphthalenesulfonic acid, dinonyl-, lead(2+) salt
Plumbane, dibutyldiethyl-
Plumbane, tetrakis(1-methylpropyl)-
Resin acids and Rosin acids, calcium salts, polymers with lead resins and sapond. linseed oil
Grounding oil
2-Propenoic acid, 2-methyl-, methyl ester, polymer with ethenylbenzene, lead(2+) 2-methyl-2-propenoate (1:2) and alpha-(2-methyl-1-oxo-2-propen-1-yl)-omega-((2-methyl-1-oxo-2-propen-1-yl)oxy)poly(oxy-1,2-ethanediyl)
Carboxylic acids, tall-oil, lead salts, basic
Castor oil, dehydrated, polymer with rosin, calcium lead zinc salt
Acetic acid, reaction products with capric acid, caprylic acid, coconut oil, and hydrogenated tallow fatty acids, calcium, lead salts
Silicic acid (H ₄ SiO ₄), magnesium manganese(2+) zinc salt, arsenic and lead-doped
Gum rosin, litharge polymer
Basic lead beta-resorcylate
Gilsonite, polymer with cyclopentadiene, dicyclopentadiene and linseed oil, lead salts
Barium bismuth lead niobium titanium oxide
Gilsonite, linseed oil polymer, lead salt
Linseed oil, polymer with tung oil, lead salt
Antimonial lead
Acetic acid, capric acid, caprylic acid, coconut oil, hydrogenated tallow fatty acids, calcium-lead complex
Dehydrated castor oil fatty acids, glycerine, C ₃₆ fatty acid dimers, litharge polymer
Silicic acid (H ₆ Si ₂ O ₇), barium zinc salt (1:1:2), lead-doped
Octadecanoic acid, barium lead salt
Octanoic acid, lead salt
Sulphuric acid, lead salt Pb _x SO ₄
Lead disalicylate
Lead(2+) decanoate
Lead dihexanoate

Lead dilaurate
Lead dipalmitate
Lead hydrogenorthophosphate
Lead(2+) tellurium trioxide
Lead silicate
Lead benzoate
Lead phosphite
Lead phthalate
Diantimony lead tetroxide
2-ethylhexanoic acid, lead salt
(9Z,12Z)-octadeca-9,12-dienoic acid, lead salt
Lead(II) maleate
Bis(diethyldithiocarbamate-S,S')lead
Cyclo-di- μ -oxo(μ -phthalato)trilead
Dilead chromate oxide
Lead di(acetate)
Lead bis(2-ethylhexanoate)
Trilead dicitrate
Tetramethyllead
Tetraethyllead
Lead monoxide
Trilead-bis(carbonate)-dihydroxide $2\text{PbCO}_3\text{-Pb(OH)}_2$
2-(2,4,5,7-tetrabromo-3,6-dihydroxyxanthen-9-yl)benzoic acid, lead salt
Lead, bis(acetato-O)tetrahydroxytri-
Lead sulfochromate yellow
Basic lead chromate orange
Chlorotrimethylplumbane
Ethyltrimethylplumbane
Diethyldimethylplumbane
Triethylmethylplumbane
Tetrabutylplumbane
Diphenyllead dichloride
Hexaethyldiplumbane
Acetoxytributylplumbane
Hexaphenyldiplumbane
Docosanoic acid, lead salt
Lead tetraacetate
Lead dicyanide
Lead dithiocyanate
Tetraphenyllead
Lead diformate
Lead dipropionate
Lead oxalate
Lead tartrate
Lead malate
Lead dibutyrate
Lead(2+) acrylate
Lead dibenzoate
Chlorotriethylplumbane
Lead(2+) methacrylate
Lead distearate
Lead dioleate
Chlorotriphenylplumbane
Acetoxytriphenylplumbane

Lead succinate
Lead dioxide
Orange lead
Lead sulphide
Lead telluride
Lead difluoride
Lead(IV) fluoride
Lead hydrogen arsenate
Pyrochlore, antimony lead yellow
Resin acids and Rosin acids, lead salts
Lead arsenite
Lead dibromide
Lead dinitrate
Lead(2+) silicate
Lead divanadium hexaoxide
Lead diiodide
Lead molybdate
Lead diphosphinate
Silicic acid, chromium lead salt
Dibismuth dilead tetraruthenium tridecaoxide
Silicic acid, lead salt
Dicalcium lead tetraoxide
Dilead chromate dihydroxide
Dodecairon lead nonadecaoxide
Trilead diarsenate
Acetoxytrimethylplumbane
Lead dipicrate
Lead phthalate
Diacetoxydiphenylplumbane
Formic acid, lead salt
Lead(2+) octanoate
Stearic acid, lead salt
Lead sulphite
Lead sulphate PbSO ₄
Lead selenate
Trilead bis(orthophosphate)
Lead(2+) selenite
Lead(4+) stearate
Lead dichloride
Lead chromate
Lead tungsten tetraoxide
Hafnium lead trioxide
Lead disodium dioxide
Lead diniobium hexaoxide
Lead tin trioxide
Lead oxide sulfate
Bismuth, compound with lead (1:1)
Dilead oxide
Lead titanium trioxide
Lead zirconium trioxide
Lead ditantalum hexaoxide
Pentalead tetraoxide sulphate
Lead selenide
Lead disulphide

Trilead dioxide phosphonate
Tetralead trioxide sulphate
Lead chloride oxide
Antimony, compound with lead (1:1)
Lead hydroxide nitrate
(maleato)trioxotetralead
Potassium pentadecaoxidiplumbatepentaniobate(1-)
Dihydroxy[styphnato(2-)]dilead
Lead germanate
Dioxobis(stearato)trilead
Lead titanium zirconium oxide
Lead chromate molybdate sulfate red
Lead tungsten oxide
Lead oxide sulfate
Lead(2+) (R)-12-hydroxyoleate
Lead(2+) 2,4-dinitroresorcinolate
Lead diazide
Dilead pyrophosphate
Lead thiosulphate
Diantimony trilead octaoxide
Lead diperchlorate
Lead fumarate
Lead disulphamidate
Lead bis(tetrafluoroborate)
Lead nitrite
Lead(2+) tellurium tetraoxide
Citric acid, lead salt
Lead acrylate
Lead metaborate
Lead 2,4,6-trinitro-m-phenylene dioxide
Bis(pentane-2,4-dionato-O,O')lead
Lauric acid, lead salt
Lead oleate
Lead acetate
Lead phthalocyanine
2-hydroxypropane-1,2,3-tricarboxylate;lead(2+);trihydrate
lead(II) perchlorate trihydrate
Lead, triphenyl(phenylthio)- (7Cl)
Plumbane, acetoxytripropyl-
triethylplumbanecarbonitrile
Lead hexafluoro-silicate
Boric acid (HBO ₂), lead(2+) salt, monohydrate
Lead dilactate
Lead bis(dimethyldithiocarbamate)
Lead maleate
Lead palmitate
Lead dilinoleate
Lead dibromate
Lead(II) methylthiolate
Lead cyanamide
Orthoboric acid, lead(2+) salt
Lead bis(3,5,5-trimethylhexanoate)
Lead bis(dipentyldithiocarbamate)
Dilead diruthenium hexaoxide

Dilead dirhodium heptaoxide
Lead isophthalate
Lead chloride silicate
Lead bis(2,4-dihydroxybenzoate)
Lead bis(piperidine-1-carbodithioate)
Lead propionate
Sulphuric acid, barium lead salt
Lead naphthenate
3-(triphenylplumbyl)-1H-pyrazole
Nitroresorcinol, lead salt
Trinitrophenol, lead salt
Acetic acid, lead salt, basic
Octadecanoic acid, lead(2+) salt, tribasic
Sulfurous acid, lead salt, basic
Lead methacrylate
Sulfuric acid, lead salt, tetrabasic
Lead bis(isononanoate)
Phosphonic acid, lead salt, basic
1,3,5-triazine-2,4,6(1H,3H,5H)-trione, lead salt
Dioxobis(stearato)dilead
5,5,13,13-tetradecahydro-4,5-dihydro-4,8,10,15-tetranitro-7,11-metheno-11H,13H-tetrazolo[1,5-c][1,7,3,5,2,6]dioxadiazadiplobacyclododecine
Lead hydroxide
Phosphorodithioate O,O-bis(1,3-dimethylbutyl), lead salt
Myristic acid, lead salt
Decanoic acid, lead salt
Lead cyanamidate
Lead 2,4-dihydroxybenzoate
Lead silicate
Disodium lead N,N'-ethylenebis[N-(carboxylatomethyl)aminoacetate]
3,5,5-trimethylhexanoic acid, lead salt
Lead carbonate
Lead diiodate
Lead hexafluorosilicate
Thiosulphuric acid, lead salt
Neodecanoic acid, lead salt
Isononanoic acid, lead salt
Lead(2+) sebacate
Lead didocosanoate
Lead dimyristate
[phthalato(2-)]oxodilead
Lead bis(12-hydroxystearate)
Lead 5-nitroterephthalate
Naphthenic acids, lead manganese salts
Fatty acids, tall-oil, lead manganese salts
Fatty acids, tall-oil, lead salts
Naphthenic acids, lead salts
Sulfurous acid, lead salt, dibasic
Bis(o-acetoxybenzoato)lead
Lead bis(4-cyclohexylbutyrate)
Lead(2+) heptadecanoate
Lead bis(diisononylnaphthalenesulphonate)
Isooctanoic acid, lead salt
Lead dibutanolate

Lead(2+) 4,6-dinitro-o-cresolate
Lead 12-hydroxyoctadecanoate
Bismuth lead ruthenium oxide
Frits, chemicals
Petrolatum (petroleum), oxidized, lead salt
Dilead silicate sulphate
Fatty acids, C12-18, lead salts
Lead, 2-ethylhexanoate tall-oil fatty acids complexes
Cadmium sulfide (CdS), solid soln. with zinc sulfide, copper and lead-doped
Fatty acids, C8-10-branched, lead salts, basic
Lead oxide (PbO), lead-contg.
Oils, menhaden, lead salts
Hexanoic acid, dimethyl-, lead(2+) salt, basic
Hexanoic acid, 2-ethyl-, lead(2+) salt, basic
Hexanoic acid, 3,5,5-trimethyl-, lead(2+) salt, basic
Lead, isooctanoate naphthenate complexes
Linseed oil, lead manganese salt
Oils, fish, lead salts
Spinels, boron calcium lead silicon white
Spinels, lead silicon tin zinc white
Zinc sulfide (ZnS), copper and lead-doped
Lead(2+) dodecylphenolate
Fatty acids, C6-19-branched, lead salts, basic
Octanoic acid, branched, lead salts, basic
Fatty acids, tallow, hydrogenated, lead salts
Plumbane, ethyl methyl derivs.
Tungstate (WO ₄ ²⁻), calcium (1:1), (T-4)-, lead-doped
Silicic acid (H ₆ Si ₂ O ₇), barium magnesium strontium salt, lead-doped
Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped
Cadmium sulfide (CdS), copper and lead-doped
(R)-3,5,6-trihydroxy-4,6-bis(3-methylbut-2-enyl)-2-(3-methyl-2-oxobutyl)cyclohexa-2,4-dien-1-one, lead salt
α-d-Glucopyranose, 1-(dihydrogen phosphate), lead salt
Acetic acid, reaction products with lead oxide (PbO), silica and sulfuric acid
[phthalato(2-)]dioxotrilead
Trilead chromate silicate
Lead alloy, base, dross
Lead alloy, base, Pb,Sn, dross
Flue dust, lead-tin alloy-manufg.
Flue dust, zinc-refining
Leach residues, zinc ore-calcine, zinc cobalt
Lead, dross, antimony-rich
Lead, dross, bismuth-rich
Dore
Lead, antimonial, dross
Lead, dross
Lead oxide (PbO), retort
Slags, lead reverbatory smelting
Zinc, desilverizing skims
Bismuth, refinery lead chloride residues
Flue dust, lead-refining
Leach residues, lead slag
Leach residues, precious metal recovery lead refining
Calcines, lead ore conc.

Residues, lead roaster
Residues, lead smelting
Residues, precious metal recovery lead refining
Slags, lead smelting
Slags, precious metal recovery lead refining
Slags, tellurium
Slimes and Sludges, lead refining
Lead, dross, copper-rich
Lead, C6-19-branched carboxylate naphthenate complexes
Lead(2+) nitroresorcinolate
Lead, decanoate octanoate complexes
Lead, alkyls, manufg. wastes
Flue dust, lead blast furnace
Slimes and Sludges, lead sinter dust scrubber
Lead(2+) isooctadecanoate
Lead(2+) neodecanoate
Lead(II) fumarate
Hydroxy(neodecanoato-O)lead
Lead bis(nonylphenolate)
Fatty acids, C9-11-branched, lead salts
Lead, C5-23-branched carboxylate C4-10-fatty acid naphthenate complexes
Lead, C5-23-branched carboxylate naphthenate complexes
Lead, C5-23-branched carboxylate naphthenate octanoate complexes
Lead, C5-23-branched carboxylate C4-10-fatty acid complexes
Lead, C5-23-branched carboxylate octanoate complexes
Lead, C4-10-fatty acid naphthenate complexes
Matte, lead
Slimes and Sludges, lead, electrolytic
Speiss, lead
Lead bis(p-octylphenolate)
Fatty acids, C8-18 and C18-unsatd., lead salts
Fatty acids, C8-12, lead salts
Fatty acids, C18-24, lead salts
[μ -(4,6-dinitroresorcinolato(2-)-O1,O3)]dihydroxydilead
Lead(II) isodecanoate
Lead, isononanoate isooctanoate complexes, basic
Lead, isooctanoate neodecanoate complexes, basic
Lead, naphthenate neodecanoate complexes, basic
Lead, isononanoate naphthenate complexes
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., lead(2+) salts
Lead 3-(acetamido)phthalate
Lead bis(2-ethylhexanolate)
Lead(2+) 4,4'-isopropylidenebisphenolate
Lead(2+) (Z)-hexadec-9-enoate
Lead(2+) ethylphenyldithiocarbamate
Lead(2+) neononanoate
Lead(2+) neoundecanoate
(neononanoato-O)(neoundecanoato-O)lead
Phosphoric acid, mixed Bu and hexyl diesters, lead(2+) salts
Lead bis(isoundecanoate)
Lead bis(tricosanoate)
Lead tetracosanoate
Lead pentadecanoate
Lead(II) isooctanoate

Hexacosanoic acid, lead salt
[μ-[[5,5'-azobis[1H-tetrazolato]](2-)]dihydroxydilead
Lead diundec-10-enoate
(isononanoato-O)(isooctanoato-O)lead
(isodecanoato-O)(isooctanoato-O)lead
(isodecanoato-O)(isononanoato-O)lead
(isodecanoato-O)(neodecanoato-O)lead
(2-ethylhexanoato-O)(isooctanoato-O)lead
(2-ethylhexanoato-O)(isononanoato-O)lead
(2-ethylhexanoato-O)(isodecanoato-O)lead
(2-ethylhexanoato-O)(neodecanoato-O)lead
Lead icosanoate (1:2)
Lead icosanoate
Fatty acids, tallow, reaction products with lead oxide
(isononanoato-O)(neodecanoato-O)lead
Lead, zinc dross
Calcines, lead-zinc ore conc.
Fumes, lead
Leach residues, copper-lead
Matte, copper-lead
Residues, lead smelting wastewater treatment
Residues, lead-zinc smelting wastewater treatment
Wastes, lead battery reprocessing
Waste solids, lead silver anode
Lead(2+) isohexadecanoate
Slimes and Sludges, lead acetate manuf.
Ferrite substances, magnetoplumbite-type, barium-cobalt-titanium
Fatty acids, C8-10-branched, lead salts
Flue dust, lead-manufg., cadmium-rich
Lead(2+) 4-(1,1-dimethylethyl)benzoate
Lead bis(5-oxo-L-prolinate)
Lead bis(5-oxo-DL-prolinate)
Lead uranate pigment
Lead bis(tetracosylbenzenesulphonate)
Lead bis[didodecylbenzenesulphonate]
1,2-Benzenedicarboxylic acid, lead(2+) salt, basic
2-Butenedioic acid (E)-, lead(2+) salt, basic
2-Butenedioic acid (Z)-, lead(2+) salt, basic
Decanoic acid, branched, lead salts
Dodecanoic acid, lead salt, basic
Hexadecanoic acid, lead salt, basic
Hexadecanoic acid, lead(2+) salt, basic
9-Hexadecenoic acid, lead(2+) salt, (Z)-, basic
Isodecanoic acid, lead salt, basic
Isononanoic acid, lead salt, basic
Isooctanoic acid, lead salt, basic
Lead, C8-10-branched fatty acids C9-11-neofatty acids naphthenate complexes, overbased
Lead, C8-10-branched fatty acids C9-11-neofatty acids naphthenate complexes
Lead, 2-ethylhexanoate isodecanoate complexes, basic
Lead, 2-ethylhexanoate isononanoate complexes, basic
Lead, 2-ethylhexanoate isooctanoate complexes, basic
Lead, 2-ethylhexanoate naphthenate complexes
Lead, 2-ethylhexanoate naphthenate complexes, basic
Lead, 2-ethylhexanoate neodecanoate complexes, basic

Lead, isodecanoate isononanoate complexes, basic
Lead, isodecanoate isooctanoate complexes, basic
Lead, isodecanoate naphthenate complexes
Lead, isodecanoate neodecanoate complexes, basic
Lead, isononanoate naphthenate complexes, basic
Lead, isononanoate neodecanoate complexes, basic
Lead, isooctanoate naphthenate complexes, basic
Lead, naphthenate neodecanoate complexes
Lead, neononanoate neoundecanoate complexes, basic
Neodecanoic acid, lead salt, basic
Neononanoic acid, lead salt, basic
Neoundecanoic acid, lead salt, basic
Octadecanoic acid, lead salt, basic
Octadecanoic acid, lead(2+) salt, basic
9-Octadecenoic acid (Z)-, lead salt, basic
2-Propenoic acid, 2-methyl-, lead salt, basic
Sulfuric acid, lead(2+) salt, basic
Sulfurous acid, lead(2+) salt, basic
Tetradecanoic acid, lead salt, basic
Fatty acids, C6-19-branched, lead salts
Fatty acids, C8-9, lead salts
Fatty acids, C8-10, lead salts
Fatty acids, C16-18, lead salts
Leach residues, zinc ore, lead-contg.
Naphthenic acids, lead (2+) salts
Isodecanoic acid, lead(2+) salt, basic
Isooctanoic acid, lead(2+) salt, basic
Isoundecanoic acid, lead(2+) salt, basic
Fatty acids, castor-oil, hydrogenated, lead salts
Phosphorodithioic acid, mixed O,O-bis(Bu and pentyl) esters, lead(2+) salt
Fatty acids, coco, lead salts
Naphthenic acids, lead salts, basic
Lead, C4-10-fatty acid octanoate complexes
Fatty acids, C14-26, lead salts
Slags, lead-zinc smelting
Flue gases, lead-zinc blast furnace
Slimes and Sludges, lead-zinc blast furnace, offgas wet cleaning
Speiss, lead-zinc
Magnetoplumbite, barium titanium zinc brown
Lead, bullion
Lead fluoride hydroxide
7-methyloctanoic acid, lead salt
Nitric acid, lead(2+) salt, reaction products with sodium tin oxide
Matte, precious metal
Slimes and Sludges, precious metal refining
Speiss, lead, nickel-contg.
Sulfuric acid, barium salt (1:1), lead-doped
Perchloric acid, reaction products with lead oxide (PbO) and triethanolamine
Silicic acid (H ₂ SiO ₃), calcium salt (1:1), lead and manganese-doped
Lead, dross, vanadium-zinc-contg.
Matte, copper-lead, tellurium-contg.
Flue dust, copper-lead blast furnace, cadmium-indium-enriched
Lead, isodecanoate naphthenate complexes, basic
Lead, isooctanoate neodecanoate complexes

Phosphoric acid, calcium salt (1:1), solid soln. with calcium chloride, calcium fluoride, calcium oxide, phosphorus oxide (P2O5) and strontium oxide, lead and manganese-doped
Barium oxide (BaO), solid soln. with calcium oxide, strontium oxide and tungsten oxide (WO3), lead-
Boric acid (H3BO3), solid soln. with barium oxide, calcium oxide and strontium oxide, lead and manganese-doped
Silicic acid, calcium salt, lead and manganese-doped
Lead ores, concs., leached
Residues, copper-iron-lead-nickel matte, sulfuric acid-insol.
Residues, precious metal refining cementation
Slimes and Sludges, battery scrap, antimony- and lead-rich
Slimes and Sludges, copper conc. roasting off gas scrubbing, lead-mercury-selenium-contg.
Slimes and Sludges, copper-lead ore roasting off gas scrubbing, arsenic-contg.
barium calcium cesium lead samarium strontium bromide chloride fluoride iodide europium doped
Lead C3-13-alkanecarboxylate naphthenate complexes
Acetic acid, oleic acid, candelilla wax, tallow, calcium-lead complex salt
lead(2+) phosphonate
silicic acid, lead nickel salt
Plumbane dichlorodiethyl-
Triethyllead acetate
Lead picrate (dry)
1,3-Benzenediol, 2-nitro-, lead salt, basic
Chloric acid, lead(2+) salt, monohydrate
Lead (II) orthosilicate
Chromic acid (H2CrO4), lead(2+) potassium salt (2:1:2)
205Pb
209Pb
210Pb
203Pb
Plumbane, tetrakis(1-methylethyl)-
Lead and Lead compounds (as Pb)
214Pb
212Pb
Phosphonic acid, lead(2+) salt (2:1)
202Pb
Acetic acid, lead(2+) salt, monohydrate
211Pb
Ethanedioic acid, lead salt
Phosphoric acid, lead salt
Phosphoric acid, lead(2+) salt (2:1)
200Pb
198Pb
201Pb
1,2-Benzenedicarboxylic acid, lead(2+) salt
Acetic acid, lead(2+) salt, dihydrate
Phosphonic acid, lead(2+) salt
199Pb
Plumbane, tetrahydroxy-
Arsenic acid (H3AsO4), lead(4+) salt (2:1), monohydrate
Lead, tetrapropyl-
Sulfuric acid, lead(2+) lead(4+) salt (3:1:1)
LEAD HYDROXIDE
Tin alloy
Arsenic acid (H3AsO4), lead(4+) salt (3:2)
Lead chlorate

Chromium lead oxide
Lead hydroxide (Pb(OH))
Carbamodithioic acid, dipentyl-, lead(2+) salt
Chromium lead molybdenum oxide sulfate, silica-modified
Chromium lead oxide sulfate, silica-modified
Arsenic acid (H ₃ AsO ₄), lead(2+) salt (2:3), tetrahydrate
Phenol, tetrapropylene-, lead(2+) salt
Lead oxide sulfate (Pb ₄ O ₃ (SO ₄)), monohydrate
Fatty acids, C ₄ -20-branched, lead salts
Lead, C ₉ -28-neocarboxylate 2-ethylhexanoate complexes, basic
Ferrate (2-), [N,N-bis[2-(bis(carboxymethyl)amino)ethyl]glycinato (5-)]-, disodium
Basic lead sulfite
Lead chloride
Boric acid, lead salt
Lead silicate sulfate
Chromic acid lead salt with lead molybdate
Ethanedioic acid, lead(2+) salt (1:1), trihydrate
Lead hydroxide oxide (Pb ₂ (OH) ₂ O)
Lead oxide (Pb ₂ O ₃)
Carbonic acid, lead salt
Lead hydroxide oxide phosphite (Pb ₃ (OH)O(PO ₃)), hydrate (2:1)
Lead tetrachloride
1,4-Dichlorobenzene
Inorganic ammonium salts
Diammonium tetracyanoplatinate
Ammonium potassium tartrate
Ammonium iron(III) citrate
Triammonium iron(3+) trioxalate
Diammonium iron bis(sulphate)
Ammonium iron phosphate
Ammonium iron bis(sulphate)
Diammonium dioxalato(oxo)titanate
Ammonium wolframate
Diammonium tetraborate
Ammonium bismuth(3+) 2-hydroxypropane-1,2,3-tricarboxylate(2:1:1)
Tetraammonium cerium tetrakis(sulphate)
Ammonium selenite
Ammonium selenate
Diammonium diuranium heptaoxide
Triammonium hexafluoroaluminate
Aluminium ammonium bis(sulphate)
Diammonium hydrogenarsenate
Ammonium chromate
Ammonium dichromate
Ammonium trioxovanadate
Hexaammonium heptamolybdate
Ammonium wolframate
Tetramanganese nitride
Diammonium hexachlororhenate
Tetraammonium disodium vanadate
Diammonium hexachloroosmate
Ammonium trivanadium octaoxide
Diammonium tetratungsten tridecaoxide
Tetraammonium hexamolybdate

Ammonium chromium bis(sulphate)
Diammonium lanthanum pentanitrate
Diammonium manganese bis(sulphate)
Ammonium diamminetetakis(thiocyanato-N)chromate(1-)
Diammonium copper(2+) disulphate
Diammonium cobalt bis(sulphate)
Ammonium perrhenate
Diammonium gadolinium pentanitrate
Ammonium calcium trinitrate
Diammonium zinc disulphate
Diammonium tetrachloropalladate
Diammonium tetrachloroplatinate
Diammonium pentachloronitrosylruthenate
Bis(acetato-O)diamminecopper
Ammonium tetrafluoroborate
Sulphuric acid, ammonium cerium salt
Ammonium pentafluorozirconate(1-)
Ammonium sodium sulphate
Triammonium trioxalatoferrate
Triammonium hexacyanoferrate
Chromic acid, ammonium salt
Tetraammonium hexacyanoferrate
Ammonium cobalt phosphate
Ammonium iron tartrate
Diammonium cerium(4+) trisulphate
Diammonium tetrachlorozincate(2-)
Triammonium pentachlorozincate(3-)
Sulphuric acid, ammonium magnesium salt
Ammonium samarium(3+) disulphate
Ammonium europium(3+) disulphate
Ammonium gadolinium(3+) disulphate
Ammonium lanthanum(3+) disulphate
Ammonium praseodymium(3+) disulphate
Ammonium neodymium(3+) disulphate
Ammonium iron tetrachloride
Diammonium hexabromoosmate(2-)
Ammonium nickel trichloride
Acetic acid, ammonium zinc salt
Diammonium aquapentachlororuthenate
Ammonium bismuth citrate
Triammonium diaquaooctachloro- μ -nitridodiruthenate(3-)
Ammonium bis(cyano-C)aurate
Ammonium tetrachloroaurate
Citric acid, ammonium bismuth salt
Triammonium tris[carbonato(2-)-O]hydroxyzirconate(3-)
Ethanedioic acid, ammonium iron(3+) salt (3:3:1), trihydrate
Sulfuric acid, ammonium iron(3+) salt (2:1:1), dodecahydrate
Diammonium magnesium bis(sulphate)
Beryllium diammonium tetrafluoride
Ammonium scandium(3+) disulphate
Nitric acid, ammonium calcium salt
Ammonium trifluorohydroxyborate(1-)
Triammonium hexachlororhodate
Diammonium yttrium pentanitrate

Ammonium manganese phosphate
Diammonium tetrachlorocuprate
Diammonium neodymium pentanitrate
Diammonium tetrabromopalladate(2-)
Diammonium nickel bis(sulphate)
Triammonium hexachloroiridate
Ammonium hexafluorosilicate
Ammonium hexafluorozirconate
Diammonium hexachloroplatinate
Diammonium hexachlorostannate
Ammonium hexafluorotitanate
Ammonium hexafluorogermanate(4)
Triammonium heptafluorozirconate(3-)
Ammonium hexabromoplatinate
Tetraammonium uranyl tricarbonate, of uranium depleted in uranium-235
Citric acid, ammonium nickel salt
Diammonium hexachlororuthenate
Diammonium hexachloropalladate
Diammonium hexakis(thiocyanato)platinate
Diammonium oxobis[sulphato(2-)-O]titanate(2-)
Ammonium molybdate(VI)
Diammonium tetraoxotellurate
Ammonium dihydrogenarsenate
Triammonium triiron tetracitrate
Nickelate(1-), trichloro-, ammonium, hexahydrate
Ammonium borate
Selenious acid, ammonium salt (2:1)
Boric acid (H ₃ BO ₃), ammonium salt
Sulfuric acid, ammonium magnesium salt (3:2:2)
azanium;lanthanum(3+);tetranitrate
Nitric acid, ammonium cerium(4+) salt (6:2:1)
Ammonium lanthanum nitrate
Aluminate(2-), difluoro[phosphato(3-)-κO]-, ammonium hydrogen (1:1:1)
Ferrate(2-), difluoro[phosphato(3-)-κO]-, ammonium hydrogen (1:1:1)
Vanadate (V10O286-), ammonium (1:6)
Cryptohalite
1,2,3-Propanetricarboxylic acid, 2-hydroxy-, ammonium iron salt, hydrate
Mixtures of a permanganate with an ammonium salt
Phosphoric acid, ammonium cadmium salt (1:1:1)
Ammonium magnesium arsenate
Sulfuric acid, aluminum ammonium salt (2:1:1), tetracosahydrate
Stannate(1-), trifluoro-, ammonium (9Cl)
Ammonium cerous sulfate tetrahydrate
Chromate(1-), bis(benzenamine)tetrakis(thiocyanato-N)-, ammonium (9Cl)
Ammonium paratungstate hexahydrate
Ammonium phosphotungstenate, trihydrate
Ammonium 12-tungstophosphate
Ferrate(3-), hexafluoro-, triammonium salt
Platinate(1-), aminetrichloro-, ammonium, (SP-4-2)-
Ammonium hexafluorogallate
Cobalt ammonium complex
Nitric acid, ammonium cerium(3+) salt (5:2:1)
Tungstate(2-), dioxodithio-, diammonium (9Cl)
Triammonium uranyl pentafluoride

Chromate(1-), diamminetetakis(isothiocyanato)-, ammonium, hydrate
Ferrate(2-), [N,N-bis[2-[bis(carboxymethyl)amino]ethyl]glycinato(3-)]-, ammonium hydrogen
Vitaferro
Sulfuric acid, ammonium cerium(3+) salt (2:1:1)
Arsonic acid, methyl-, monoammonium salt
Carbonic acid, ammoniumplutonium salt (8Cl)
Uranic acid, diammonium salt, hydrate
1-Heptene-1- arsonic acid, 2-chloro-, monoammonium salt
Molybdate(2-),tetrafluorodioxo-, diammonium (8Cl,9Cl)
Ammonium ferrocyanide trihydrate
Ammonium Tetrachloroaluminate, NH ₄ AlCl ₄
Ammonium ferric chromate
Sulfuric acid, ammonium sodium salt, dihydrate
Sulfuric acid, ammonium zinc salt (2:2:1), hexahydrate
Sulfuric acid, ammonium magnesium salt (2:2:1), hexahydrate
Vanadate(3-), hexafluoro-, triammonium salt
Ammonium tetrathiotungstate [(NH ₄) ₂ WS ₄]
Molybdate(2-), tetrathioxo-, diammonium, (T-4)-
Ammonium chromic sulfate dodecahydrate
Nickel ammonium sulfate hexahydrate
Titanate(2-), bis[ethanedioato(2-)-O,O']oxo-, diammonium, monohydrate, (SP-5-21)-
Struvite [(NH ₄)Mg(PO ₄).6H ₂ O]
4,4'-isopropylidenediphenol
C9-C14 linear and/or branched perfluorocarboxylic acids (C9-C14 PFCAs), their salts and C9-C14 PFCAs-related substances, perfluorononan-1-oic acid (PFNA); nonadecafluorodecanoic acid (PFDA); hencosafluoroundecanoic acid (PFUnDA); tricosafuorododecanoic acid (PFDoDA); pentacosafuorotridecanoic acid (PFTrDA); heptacosafuorotetradecanoic acid (PFTDA); including their salts and precursors
Tricosafuorododecanoic acid
Nonadecafluorodecanoic acid
Pentacosafuorotridecanoic acid
Heptacosafuorotetradecanoic acid
Hencosafluoroundecanoic acid
Perfluorononan-1-oic acid
Methanol
Octamethylcyclotetrasiloxane (D4); Decamethylcyclopentasiloxane (D5)
Octamethylcyclotetrasiloxane
Decamethylcyclopentasiloxane
1-methyl-2-pyrrolidone
The following substances which are classified as carcinogenic, mutagenic or toxic for reproduction, category 1A or 1B (See group members) [Entry 72]
(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)silanetriol and any of its mono-, di- or tri-O-(alkyl) derivatives
Triethoxy(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)silane
Trimethoxy(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)silane
Diisocyanates
1,3-bis(isocyanatomethyl)benzene
3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate
2-methyl-m-phenylene diisocyanate
3,3'-dimethylbiphenyl-4,4'-diyl diisocyanate
4,4' -Methylenediphenyl diisocyanate
4-methyl-m-phenylene diisocyanate
m-tolylidene diisocyanate
2,4,6-triisopropyl-m-phenylene diisocyanate
2,2' -Methylenediphenyl diisocyanate

1,3-bis(1-isocyanato-1-methylethyl)benzene
1,5-naphthylene diisocyanate
4,4'-methylenedicyclohexyl diisocyanate
2,4' -Methylenediphenyl diisocyanate
Hexamethylene diisocyanate
Substances in tattoo inks and permanent make up
N,N-dimethylformamide
formaldehyde and formaldehyde releasers
Formaldehyde
synthetic polymer microparticles
Undecafluorohexanoic acid (PFHxA)
N,N-dimethylacetamide (DMAC)
1-ethylpyrrolidin-2-one (NEP)
Per- and polyfluoroalkyl substances (PFAS)
2,4-dinitrotoluene

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61	A	甲醛
62	A	多環芳烴化合物(PAH)

62	A	多環芳烴化合物(PAH)
63	A	多環芳烴化合物(PAH)
64	A	多環芳烴化合物(PAH)
65	A	生成部分芳香族胺的偶氮染料和顏料
66	A	富馬酸二甲酯(DMF)
67	A	異丙基化磷酸三苯酯(PIP 3:1)
68	A	2,4,6-三叔丁基苯酚(TTBP)
69	A	二氯化鈷
70	A	雙酚A
71	A	鄰苯二甲酸二異丁酯 (DIBP)
72	A	鄰苯二甲酸二丁酯 (DBP)
73	A	鄰苯二甲酸二正己酯(DnHP)
74	A	十溴二苯乙烷(DBDPE)
75	A	鄰苯二甲酸丁苄酯 (BBP)
76	A	六氯丁二烯(HCBD)
77	A	全氟羧酸類物質 (PFCAs)
78	A	全氟羧酸類物質 (PFCAs)
79	A	全氟己酸
80	A	十溴二苯醚
81	A	多溴聯苯醚
1	B	歐盟REACH法規需授權物質清單中的物質
2	B	歐盟REACH法規需授權物質清單中的物質
3	B	歐盟REACH法規需授權物質清單中的物質
4	B	歐盟REACH法規需授權物質清單中的物質
5	B	歐盟REACH法規需授權物質清單中的物質
6	B	歐盟REACH法規需授權物質清單中的物質
7	B	歐盟REACH法規需授權物質清單中的物質
8	B	歐盟REACH法規需授權物質清單中的物質

94	B	歐盟REACH法規需授權物質清單中的物質
95	B	歐盟REACH法規需授權物質清單中的物質
96	B	歐盟REACH法規需授權物質清單中的物質
97	B	歐盟REACH法規需授權物質清單中的物質
98	B	歐盟REACH法規需授權物質清單中的物質
99	B	歐盟REACH法規需授權物質清單中的物質
100	B	歐盟REACH法規需授權物質清單中的物質
101	B	歐盟REACH法規需授權物質清單中的物質
102	B	歐盟REACH法規需授權物質清單中的物質
103	B	歐盟REACH法規需授權物質清單中的物質
104	B	歐盟REACH法規需授權物質清單中的物質
105	B	歐盟REACH法規需授權物質清單中的物質
106	B	歐盟REACH法規需授權物質清單中的物質
107	B	歐盟REACH法規需授權物質清單中的物質
108	B	歐盟REACH法規需授權物質清單中的物質
109	B	歐盟REACH法規需授權物質清單中的物質
110	B	歐盟REACH法規需授權物質清單中的物質
111	B	歐盟REACH法規需授權物質清單中的物質
112	B	歐盟REACH法規需授權物質清單中的物質
113	B	歐盟REACH法規需授權物質清單中的物質
114	B	歐盟REACH法規需授權物質清單中的物質
115	B	歐盟REACH法規需授權物質清單中的物質
116	B	歐盟REACH法規需授權物質清單中的物質
117	B	歐盟REACH法規需授權物質清單中的物質
1	C-a	歐盟REACH法規CMR物質
2	C-a	歐盟REACH法規CMR物質
3	C-a	歐盟REACH法規CMR物質
4	C-a	歐盟REACH法規CMR物質
5	C-a	歐盟REACH法規CMR物質
6	C-a	歐盟REACH法規CMR物質
7	C-a	歐盟REACH法規CMR物質
8	C-a	歐盟REACH法規CMR物質
9	C-a	歐盟REACH法規CMR物質
10	C-a	歐盟REACH法規CMR物質
11	C-a	歐盟REACH法規CMR物質
12	C-a	歐盟REACH法規CMR物質
13	C-a	歐盟REACH法規CMR物質
14	C-a	歐盟REACH法規CMR物質
15	C-a	歐盟REACH法規CMR物質
16	C-a	歐盟REACH法規CMR物質
17	C-a	歐盟REACH法規CMR物質
18	C-a	歐盟REACH法規CMR物質
19	C-a	歐盟REACH法規CMR物質
20	C-a	歐盟REACH法規CMR物質
21	C-a	歐盟REACH法規CMR物質
22	C-a	歐盟REACH法規CMR物質
23	C-a	歐盟REACH法規CMR物質
24	C-a	歐盟REACH法規CMR物質
25	C-a	歐盟REACH法規CMR物質
26	C-a	歐盟REACH法規CMR物質
27	C-a	歐盟REACH法規CMR物質

28	C-a	歐盟REACH法規CMR物質
29	C-a	歐盟REACH法規CMR物質
30	C-a	歐盟REACH法規CMR物質
31	C-a	歐盟REACH法規CMR物質
32	C-a	歐盟REACH法規CMR物質
33	C-a	歐盟REACH法規CMR物質
1	C-b	韓國電器及消費品安全控制法管制物質
2	C-b	韓國電器及消費品安全控制法管制物質
1	C-c	USA California An Act 規範物質
1	D-a	長鏈全氟烷基羧酸鹽(LCPFAC)和全氟烷基磺酸鹽
2	D-a	長鏈全氟烷基羧酸鹽(LCPFAC)和全氟烷基磺酸鹽
3	D-a	長鏈全氟烷基羧酸鹽(LCPFAC)和全氟烷基磺酸鹽
4	D-a	長鏈全氟烷基羧酸鹽(LCPFAC)和全氟烷基磺酸鹽
5	D-a	長鏈全氟烷基羧酸鹽(LCPFAC)和全氟烷基磺酸鹽
6	D-a	長鏈全氟烷基羧酸鹽(LCPFAC)和全氟烷基磺酸鹽
7	D-a	長鏈全氟烷基羧酸鹽(LCPFAC)和全氟烷基磺酸鹽
8	D-a	長鏈全氟烷基羧酸鹽(LCPFAC)和全氟烷基磺酸鹽
9	D-a	長鏈全氟烷基羧酸鹽(LCPFAC)和全氟烷基磺酸鹽
10	D-a	長鏈全氟烷基羧酸鹽(LCPFAC)和全氟烷基磺酸鹽

11	D-a	長鏈全氟烷基羧酸鹽(LCPFAC)和全氟烷基磺酸鹽
12	D-a	長鏈全氟烷基羧酸鹽(LCPFAC)和全氟烷基磺酸鹽
13	D-a	長鏈全氟烷基羧酸鹽(LCPFAC)和全氟烷基磺酸鹽
14	D-a	長鏈全氟烷基羧酸鹽(LCPFAC)和全氟烷基磺酸鹽
15	D-a	長鏈全氟烷基羧酸鹽(LCPFAC)和全氟烷基磺酸鹽
16	D-a	長鏈全氟烷基羧酸鹽(LCPFAC)和全氟烷基磺酸鹽
17	D-a	長鏈全氟烷基羧酸鹽(LCPFAC)和全氟烷基磺酸鹽
18	D-a	長鏈全氟烷基羧酸鹽(LCPFAC)和全氟烷基磺酸鹽
19	D-a	長鏈全氟烷基羧酸鹽(LCPFAC)和全氟烷基磺酸鹽
20	D-a	長鏈全氟烷基羧酸鹽(LCPFAC)和全氟烷基磺酸鹽
1	D-b	PFOA及其鹽類
2	D-b	PFOA及其鹽類
3	D-b	PFOA及其鹽類
4	D-b	PFOA及其鹽類
5	D-b	PFOA及其鹽類
6	D-b	PFOA及其鹽類
1	E-a	TSCA 優先化學品
2	E-a	TSCA 優先化學品
3	E-a	TSCA 優先化學品
4	E-a	TSCA 優先化學品

5	E-a	TSCA 優先化學品
6	E-a	TSCA 優先化學品
7	E-a	TSCA 優先化學品
8	E-a	TSCA 優先化學品
9	E-a	TSCA 優先化學品
10	E-a	TSCA 優先化學品
1	E-b	TSCA 優先化學品
2	E-b	TSCA 優先化學品
3	E-b	TSCA 優先化學品
4	E-b	TSCA 優先化學品
5	E-b	TSCA 優先化學品
6	E-b	TSCA 優先化學品
7	E-b	TSCA 優先化學品
8	E-b	TSCA 優先化學品
9	E-b	TSCA 優先化學品
10	E-b	TSCA 優先化學品
11	E-b	TSCA 優先化學品
12	E-b	TSCA 優先化學品
13	E-b	TSCA 優先化學品
14	E-b	TSCA 優先化學品
15	E-b	TSCA 優先化學品
16	E-b	TSCA 優先化學品
17	E-b	TSCA 優先化學品
18	E-b	TSCA 優先化學品
19	E-b	TSCA 優先化學品
20	E-b	TSCA 優先化學品

d Substances To Be Controlled Which Are Included In Parts And Materials

物質名稱	CAS No.
Asbestos	-
Azocolourants and azodyes which form certain aromatic amines	-
Brominated flame retardants (BFR) (other than PBBs, PBDEs, or HBCDD)	-
Cadmium and cadmium compounds	-
Chromium (VI) compounds	-
Dibutyltin (DBT) compounds	-
Diocyltin (DOT) compounds	-
Fluorinated greenhouse gases (PFC, SF6, HFC)	-
Hexabromocyclododecane (HBCDD)	-
Lead and lead compounds	-
Mercury and mercury compounds	-
Ozone depleting substances (ODS)	-
Perchlorates	-

Perfluorooctane sulfonates and its derivatives (PFOS)	-
Phthalates, Selected Group 1 (BBP, DBP, DEHP, DIBP)	-
Phthalates, Selected Group 2 (DIDP, DINP, DNOP)	-
Polybrominated biphenyls (PBBs)	-
Polybrominated diphenylethers (PBDEs)	-
Polychlorinated biphenyls (PCBs) and specific substitutes	-
Polychlorinated terphenyls (PCTs)	-
Polychlorinated naphthalenes (PCNs)	-
Radioactive substances	-
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) (SCCP)	-
Tri-substituted organostannic compounds (including tributyltin (TBT) compounds and triphenyltin (TPT) compounds)	-
Chlorinated flame retardants (CFR) (other than TCEP, TCPP, or TDCPP)	-
Di-isodecyl phthalate (DIDP)	-
Diisononyl phthalate (DINP)	-
Nickel and Nickel compounds	-
Perfluorohexane-1-sulphonic acid (PFHxS) and its salts	-
PFHxS-related compounds	-
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus" [™])	-
Perfluorooctanoic acid (PFOA) and its salts	-
Perfluorooctanoic acid (PFOA) related substances	-
Halogenated flame retardants	-
Long-chain (C9-C21) perfluorocarboxylic acids (PFCAs) and its salts and related substances	-

Perfluorocarboxylic acids (PFCAs) C9-C14 and its salts	-
PFCAs C9-C14-related substances	-
Perfluorohexanoic acid (PFHxA) and its salts and related substances	-
Per/polyfluoroalkyl substances (PFAS)	-
Mineral oil aromatic hydrocarbons (MOAH) comprising 1 to 7 aromatic rings	-
Mineral oil aromatic hydrocarbons (MOAH) comprising 3 to 7 aromatic rings	-
Mineral oil saturated hydrocarbons (MOSH) with 16 to 35 carbon atoms	-
Pentachlorophenol (PCP) and its salts and esters	-
Tris(2-chloroethyl)phosphate (TCEP)	115-96-8
Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7
Hexachlorobenzene (HCB)	118-74-1
Diarsenic pentoxide	1303-28-2
Beryllium oxide	1304-56-9
Diarsenic trioxide	1327-53-3
Pentachlorothiophenol (PCTP)	133-49-3
Tris(1-chloro-2-propyl)phosphate (TCPP)	13674-84-5
Tris(1,3-dichloro-2-propyl)phosphate (TDCPP)	13674-87-8
Benzo[e]pyrene (BeP)	192-97-2
Benzo[j]fluoranthene (BjFA)	205-82-3
Benzo[b]fluoranthene (BbFA)	205-99-2
Benzo[k]fluoranthene (BkFA)	207-08-9
Chrysene (CHR)	218-01-9
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
Diisooctyl phthalate (DIOP)	27554-26-3
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7
Formaldehyde	50-00-0
Benzo[a]pyrene (BaP)	50-32-8

Benzo[a]pyrene (BaP)	30-52-0
Dibenzo[a,h]anthracene (DBaA)	53-70-3
Benzo[a]anthracene (BaA)	56-55-3
4-Aminoazobenzene	60-09-3
Dimethyl fumarate (DMF)	624-49-7
Phenol, Isopropylated, Phosphate (3:1) (PIP (3:1))	68937-41-7
2,4,6-Tris(tert-butyl)phenol (TTBP)	732-26-3
Cobalt dichloride	7646-79-9
4,4'-Isopropylidenediphenol (bisphenol A)	80-05-7
Diisobutyl phthalate (DIBP)	84-69-5
Dibutyl phthalate (DBP)	84-74-2
Di-n-hexyl phthalate (DnHP)	84-75-3
Decabromodiphenylethane (DBDPE)	84852-53-9
Benzyl butyl phthalate (BBP)	85-68-7
Hexachlorobutadiene (HCBD)	87-68-3
C9-C14 PFCAs	375-95-1, 335-76-2, 2058-94-8,307-55- 1,72629-94-8,376-06-7
C15-C20 PFCAs	375-95-1,335-76- 2,2058-94-8,307-55- 1,72629-94-8,376-06- 7,335-93-3,67905-19- 5,77953-71-0,16517-11- 6,72968-39-3,16758-49- 1
PFHxA (Perfluorohexanoic acid)	307-24-4
DecaBDE(Decabromodiphenyl ether)	1163-19-5
PBDE	32534-81-9,32536-52- 0,1163-19-5
Boric acid	-
Disodium tetraborate, anhydrous	-
Hexabromocyclododecane (HBCDD)	-
Aluminosilicate Refractory Ceramic Fibres	-
Zirconia Aluminosilicate Refractory Ceramic Fibres	-
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) (SCCP)	-
Hexahydromethylphthalic anhydride	-
4-Nonylphenol, branched and linear, ethoxylated (substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof)	-

1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters [with 0.3% of dihexyl phthalate (EC No. 201-559-5)]	-
Perfluorononan-1-oic-acid and its sodium and ammonium salts	-
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	-
Perfluorohexane-1-sulphonic acid (PFHxS) and its salts	-
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)	-
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-
Perfluorobutane sulfonic acid (PFBS) and its salts	-
Diocetyl tin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety	-
Medium-chain chlorinated paraffins (MCCP)	
Orthoboric acid, sodium salt	
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	-
4-Nonylphenol, branched and linear	-
Bis(2-ethylhexyl) tetrabromophthalate	-
Perfluoroheptanoic acid and its salts	-
Reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	-
Lead dinitrate	10099-74-8
Melamine	108-78-1
1,2-Dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4
Bis(2-methoxyethyl) ether	111-96-6
Potassium hydroxyoctaoxodizincatedichromate	11103-86-9
1,2-Bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2
1,3-Propanesultone	1120-71-4
Tris(2-chloroethyl) phosphate (TCEP)	115-96-8
Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	1163-19-5
Bis(2-ethylhexyl)phthalate (DEHP)	117-81-7
Bis(2-methoxyethyl) phthalate	117-82-8
6,6'-di-tert-butyl-2,2'-methylene-di-p-cresol (DBMC)	119-47-1
Disodium octaborate	12008-41-2
Lead oxide sulfate	12036-76-9
Lead titanium trioxide	12060-00-3
Pentalead tetraoxide sulphate	12065-90-6
Trilead dioxide phosphonate	12141-20-7
Tetralead trioxide sulphate	12202-17-4
Tetraboron disodium heptaoxide, hydrate	12267-73-1
Dioxobis(stearato)trilead	12578-12-0
Lead titanium zirconium oxide	12626-81-2
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8

Pyrene	129-00-0
Diarsenic pentoxide	1303-28-2
Diboron trioxide	1303-86-2
Cadmium oxide	1306-19-0
Cadmium sulphide	1306-23-6
Dipentyl phthalate (DPP)	131-18-0
Orange lead (lead tetroxide)	1314-41-6
Diarsenic trioxide	1327-53-3
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2
Barium diboron tetraoxide	13701-59-2
4-(1,1,3,3-Tetramethylbutyl)phenol	140-66-9
bis(2-(2-methoxyethoxy)ethyl) ether	143-24-8
2-Ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1
Benzo[g,h,i]perylene	191-24-2
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo))naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7
Fluoranthene	206-44-0
Benzo[k]fluoranthene (BkFA)	207-08-9
Lead cyanamidate	20837-86-9
Cadmium hydroxide	21041-95-2
Chrysene (CHR)	218-01-9
Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4
Trixylyl phosphate	25155-23-1
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
Pentadecafluorooctanoic Acid (PFOA)	335-67-1
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3
1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]	37853-59-1
Ammonium pentadecafluorooctanoate (APFO)	3825-26-1
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7
2,4-Di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1
Isobutyl 4-hydroxybenzoate (isobutylparaben, IBP)	857259
Pentazinc chromate octahydroxide	49663-84-5
Benzo[d,e,f]chrysene (Benzo[a]pyrene (BaP))	50-32-8
Dodecamethylcyclohexasiloxane	540-97-6
Decamethylcyclopentasiloxane	541-02-6
Octamethylcyclotetrasiloxane	556-67-2
Bis(tributyltin) oxide (TBTO)	56-35-9
Benz[a]anthracene (BaA)	56-55-3
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0
4-Aminoazobenzene	58687
Diisopentyl phthalate	605-50-5
Terphenyl, hydrogenated	61788-32-7
Sulfurous acid, lead salt, dibasic	62229-08-7
1,2-Diethoxyethane	629-14-1
N,N-dimethylformamide	61699
2,2-Bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6
Dibutyltin dichloride (DBTC)	683-18-1
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4

Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped	68784-75-8
[Phthalato(2-)]dioxotrilead	69011-06-9
Diisohexyl phthalate	71850-09-4
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6
Lead	7439-92-1
Cadmium	7440-43-9
Cobalt Dichloride	7646-79-9
4,4'-(1-Methylpropylidene)bisphenol	77-40-7
Lead chromate (II)	7758-97-6
N-pentyl-isopentylphthalate	776297-69-9
Strontium chromate	2151068
2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol (Tetrabromobisphenol-A; TBBPA)	79-94-7
4,4'-Isopropylidenediphenol (BPA)	65873
4,4'-sulphonyldiphenol (Bisphenol S; BPS)	65990
Pyrochlore, antimony lead yellow (C.I. Pigment Yellow 41)	8012-00-8
Dicyclohexyl phthalate	84-61-7
Diisobutyl phthalate (DIBP)	84-69-5
Dibutyl phthalate (DBP)	84-74-2
Di-n-hexyl Phthalate (DnHP)	84-75-3
1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	84777-06-0
Phenanthrene	67580
Benzyl butyl phthalate (BBP)	85-68-7
Fatty acids, C16-18, lead salts	91031-62-8
Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7
Cadmium and its compounds	-
Chromium (VI) compounds	-
Arsenic compounds	-
Lead and its compounds	-
Benzene	71-43-2
Benz[a]anthracene (BaA)	56-55-3
Benzo[b]fluoranthene (BbFA) Benz[e]acephenanthrylene	205-99-2
Benzo[a]pyrene (BaP); Benzo[def]chrysene	50-32-8
Benzo[e]pyrene (BeP)	192-97-2
Benzo[j]fluoranthene (BjFA)	205-82-3
Benzo[k]fluoranthene (BkFA)	207-08-9
Chrysene (CHR)	218-01-9
Dibenz[a,h]anthracene (DBaA)	53-70-3
α,α,α,4-Tetrachlorotoluene;p-Chlorobenzotrichloride	5216-25-1
α,α,α-Trichlorotoluene; benzotrichloride	72508
α-Chlorotoluene; Benzyl chloride	100-44-7
Formaldehyde	50-00-0
1,2-Benzenedicarboxylic acid; Di-C 6-8-branched alkylesters, C 7-rich	71888-89-6
Bis(2-methoxyethyl) phthalate	117-82-8
Diisopentylphthalate	605-50-5
Di-n-pentyl phthalate(DPP)	131-18-0
Di-n-hexyl phthalate(DnHP)	84-75-3
N-Methyl-2-pyrrolidone; 1-Methyl-2-pyrrolidone(NMP)	872-50-4
N,N-Dimethylacetamide(DMAC)	127-19-5
N,N-Dimethylformamide; Dimethyl formamide	127-19-5
1,4,5,8-Tetraaminoanthraquinone C.I.Disperse Blue 1	2475-45-8
Benzenamine, 4,4'-(4-iminocyclohexa-2,5-dienylidene)methylene)dianiline hydrochloride C.I. Basic Red 9	569-61-9

[4-[4,4'-Bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride; C.I. Basic Violet 3 with 0,1 % of Michler's ketone	548-62-9
4-Chloro-o-toluidinium chloride	3165-93-3
2-Naphthylammoniumacetate	553-00-4
4-Methoxy-m-phenylene diammonium sulphate; 2,4-Diaminoanisole sulphate	39156-41-7
2,4,5-Trimethylaniline hydrochloride	21436-97-5
Quinoline	91-22-5
Chlorinated phenols (PCP)	-
Tri-substituted organostannic compounds (TBT)	-
Per/polyfluoroalkyl substances (PFAS)	-
Perfluorooctyl iodide (Octane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-8-iodo-)	507-63-1
Tetrahydroperfluoro-1-decanol (1-Decanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-.)	678-39-7
Perfluoro-1-dodecanol (1-Dodecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9, 10,10, 11,11,12,12,12-heneicosafuoro-)	865-86-1
Perfluorodecyl iodide (Decane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-10-iodo-.)	2043-53-0
1,1,2,2-Tetrahydroperfluorododecyl iodide (Dodecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-heneicosafuoro-12-iodo-.)	2043-54-1
Perfluorodecylethyl acrylate (2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11, 12,12,12-heneicosafuorododecyl ester.)	17741-60-5
1,1,2,2-Tetrahydroperfluorodecyl acrylate (2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester)	27905-45-9
1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-Pentacosafuoro-14-iodotetradecane (Tetradecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-pentacosafuoro-14-iodo-.)	30046-31-2
3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-Pentacosafuorotetradecan-1-ol (1-Tetradecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuoro-.)	39239-77-5
3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,16-Nonacosafuorohexadecan-1-ol (1-Hexadecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,16-nonacosafuoro-.)	60699-51-6

1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14-Nonacosafleur o-16-iodohexadecane (Hexadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14-nonacosafleur o-16-iodo-.)	65510-55-6
Sodium;2-methylpropane-1-sulfonate (1-Propanesulfonic acid, 2-methyl-, 2-[[1-oxo-3-[(.gamma.-.omega.-perfluoro- C4-16-alkyl)thio]propyl]amino] derivs., sodium salts)	68187-47-3
1,1,2,2-Tetrahydroperfluoroalkyl (C8-C14) alcohol (Alcohols, C8-14, .gamma.-.omega.-perfluoro.)	68391-08-2
Thiols, C8-20, gamma-omega-perfluoro, telomers with acrylamide (Thiols, C8-20, .gamma.-.omega.-perfluoro, telomers with acrylamide.)	70969-47-0
Silicic acid (H4SiO4), sodium salt (1:2), reaction products with chlorotrimethylsilane and 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-1-decanol (Silicic acid (H4SiO4), sodium salt (1:2), reaction products with chlorotrimethylsilane and 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-1-decanol.)	125476-71-3
Thiols, C4-20, gamma-omega-perfluoro, telomers with acrylamide and acrylic acid, sodium salts (Thiols, C4-20, .gamma.-.omega.-perfluoro, telomers with acrylamide and acrylic acid, sodium salts.)	1078712-88-5
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(2-((gamma-omega-perfluoro-C4-20-alkyl)thio)acetyl) derivs., inner salts (1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-[2-[(.gamma.-.omega.-perfluoro-C4-20-alkyl)thio]acetyl] derivs., inner salts.)	1078715-61-3
Polyfluoroalkyl betaine (generic) (Polyfluoroalkyl betaine (PROVISIONAL).)	Confidential Business information
Modified fluoroalkyl urethane (generic) (Modified fluoroalkyl urethane (PROVISIONAL).)	Confidential Business information
Perfluorinated polyamine (generic) (Perfluorinated polyamine (PROVISIONAL).)	Confidential Business information
Octanoyl fluoride, pentadecafluoro-	335-66-0
Octanoic acid, pentadecafluoro- (PFOA)	335-67-1
Octanoic acid, pentadecafluoro-, silver salt	335-93-3
Octanoic acid, pentadecafluoro-, sodium salt	335-95-5
Octanoic acid, pentadecafluoro-, potassium salt	2395-00-8
Octanoic acid, pentadecafluoro-, ammonium salt (APFO)	3825-26-1
Methylene Chloride	75-09-2
1-Bromopropane	106-94-5
Cyclic Aliphatic Bromide Cluster (HBCD)	25637-99-4
	3194-55-6
	3194-57-8
Asbestos	1332-21-4

Carbon Tetrachloride	56-23-5
1,4-dioxane	123-91-1
N-Methylpyrrolidone (NMP)	872-50-4
Perchloroethylene	127-18-4
Pigment Violet 29	81-33-4
Trichloroethylene (TCE)	79-01-6
1,3-Butadiene	106-99-0
Butyl benzyl phthalate (BBP)	85-68-7
Dibutyl phthalate (DBP)	84-74-2
o-Dichlorobenzene	95-50-1
p-Dichlorobenzene	106-46-7
1,1-Dichloroethane	75-34-3
1,2-Dichloroethane	107-06-2
trans-1,2-Dichloroethylene	156-60-5
1,2-Dichloropropane	78-87-5
Dicyclohexyl phthalate	84-61-7
Di-ethylhexyl phthalate (DEHP)	117-81-7
Di-isobutyl phthalate (DIBP)	84-69-5
Ethylene dibromide	106-93-4
Formaldehyde	50-00-0
1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta [g]-2-benzopyran (HHCB)	1222-05-5
Tetrabromobisphenol A (TBBPA)	79-94-7
Phosphoric acid, triphenyl ester (TPP)	115-86-6
Phthalic anhydride	85-44-9
1,1,2-Trichloroethane	79-00-5
Tris(2-chloroethyl) phosphate (TCEP)	115-96-8

管控級別	管控對象
1級	全部用途
1級	織物(布料、紡織品)/皮革產品的零部件和材料
3級	多層印刷電路板
3級	除多層印刷電路板以外的塑膠材料
1級	全部用途(除下列特定對象外)
1級	手機殼(用於覆蓋手機表面、保護手機主體和裝飾其外觀) 耳機(包括頭戴式耳機、頭戴式耳機等與耳朵直接接觸的部分)
1級	碳鋅電池(鈕扣電池除外) 鹼錳電池(鈕扣電池除外) 鎳氫充電電池(鈕扣電池除外)
1級	其他電池
1級	螢幕尺寸大於四英寸的視頻顯示設備
1級	全部用途(除下列特定對象外)
1級	天然皮革零部件及材料
1級	螢幕尺寸大於四英寸的視頻顯示設備
1級	全部用途
1級	有意與皮膚接觸的織物(布料、紡織品)/皮革產品的零部件和材料/ 育兒產品的零部件和材料/ 2成分室溫硬化模塑件(RTV-2密封劑模塑件)
1級	全部用途
1級	全部用途
1級	全部用途(電池除外)
1級	主要為面向12歲以下兒童的消費品零部件和材料
1級	玩具及兒童產品的塗料或表面塗層
1級	手機殼塗料或表面塗層(用於覆蓋手機表面、保護手機主體和裝飾其外觀) 耳機塗料或表面塗層(包括頭戴式耳機等與耳朵直接接觸的部分)
1級	熱硬化性/熱可塑性樹脂覆蓋的電線、電纜或導線(包括插頭、連接器)
1級	手機殼(用於覆蓋手機表面、保護手機主體和裝飾其外觀) 耳機(包括頭戴式耳機等與耳朵直接接觸的部分)
1級	電池(除下列特定對象外)
3級	
1級	鹼錳電池(包含鈕扣電池)
1級	鋅空氣電池
2級	鋅空氣電池(從2027年6月1日開始禁用)
1級	螢幕尺寸大於四英寸的視頻顯示設備
1級	全部用途(電池除外)
1級	所有電池
1級	所有電池
1級	螢幕尺寸大於四英寸的視頻顯示設備
1級	全部用途
1級	通過ODS處理過的零部件和材料
3級	全部用途

1級	全部用途
1級	全部用途
1級	全部用途(EU RoHS II範圍內的應用除外)
1級	耳機中與耳朵直接接觸的材料部件(包括頭戴式耳機等)
1級	放入兒童口中的玩具或育兒產品的零部件和材料
1級	全部用途
1級	全部用途
1級	全部用途
1級	全部用途(EU RoHS II範圍內的應用除外)
1級	全部用途
1級	全部用途
1級	全部用途
3級	全部用途
1級	全部用途
1級	全部用途
3級	塑膠材料(除下列特定對象外)
3級	多層印刷電路板
3級	全部用途
3級	全部用途
1級	手機中可能長期接觸皮膚的零部件
3級	於可能長期接觸皮膚的產品的零部件和材料
1級	全部用途
1級	全部用途
1級	全部用途
1級	全部用途
2級	禁止收貨日：2024年1月1日 全部用途
1級	全部用途
1級	全部用途
1級	全部用途
1級	全部用途
1級	電子顯示器的塑膠外殼和支架，包括螢幕面積大於100平方公分的電視機，監視器和數位電子看板，以及貼在塑膠外殼和支架上的標籤，膠帶等
1級	遊戲設備的塑膠外殼
2級	禁止收貨日：2024年1月1日 電子顯示器的塑膠外殼和支架，包括電視機、監視器和數位電子看板的螢幕，以及貼在塑膠外殼和支架上的標籤，膠帶等
3級	塑膠材質
1級	全部用途

1級	全部用途
1級	全部用途
1級	全部用途
3級	全部用途
1級	包裝組件與材料、印刷材料、油墨
1級	
1級	
1級	全部用途
1級	全部用途
1級	全部用途
1級	全部用途
1級	液晶螢幕(包括玻璃罩、手觸屏、後照燈)的玻璃
1級	全部用途
1級	液晶螢幕(包括玻璃罩、手觸屏、後照燈)的玻璃
1級	全部用途
1級	全部用途
1級	全部用途
1級	除玩具和育兒產品以外，直接且長期或反復接觸皮膚或口腔的橡膠或塑膠部分(例如：手柄、把手等)
1級	直接且長期或反復接觸皮膚或口腔的玩具和育兒 產品的橡膠或塑膠部分
1級	除玩具和育兒產品以外，直接且長期或反復接觸皮膚或口腔的橡膠或塑膠部分(例如：手柄、把手等)
1級	直接且長期或反復接觸皮膚或口腔的玩具和育兒 產品的橡膠或塑膠部分
1級	除玩具和育兒產品以外，直接且長期或反復接觸皮膚或口腔的橡膠或塑膠部分(例如：手柄、把手等)
1級	直接且長期或反復接觸皮膚或口腔的玩具和育兒 產品的橡膠或塑膠部分
1級	除玩具和育兒產品以外，直接且長期或反復接觸皮膚或口腔的橡膠或塑膠部分(例如：手柄、把手等)
1級	直接且長期或反復接觸皮膚或口腔的玩具和育兒 產品的橡膠或塑膠部分
1級	除玩具和育兒產品以外，直接且長期或反復接觸皮膚或口腔的橡膠或塑膠部分(例如：手柄、把手等)
1級	直接且長期或反復接觸皮膚或口腔的玩具和育兒 產品的橡膠或塑膠部分
2級	全部用途(從2024年1月1日開始禁用)
3級	全部用途
1級	全部用途
1級	紡織品
1級	產品中使用的纖維板(Fiberboard)、刨花板以及使用膠合板的木製品(例如，揚聲器、機架等)
1級	除玩具和育兒產品以外，直接且長期或反復接觸皮膚或口腔的橡膠或塑膠部分(例如：手柄、把手等)

限值
有意添加
完工織物/皮革產品的材料中產生的胺占0.003 wt%(30 ppm)
電路板材料中含有的溴合計占0.09 wt%(900 ppm)
塑膠材料中溴占0.1 wt%(1000 ppm)
均質材料中鎳占0.01 wt%(100 ppm)
均質材料中鎳占0.0075 wt%(75 ppm)
電池中鎳占0.001 wt%(10ppm)
電池中鎳占0.002 wt%(20ppm)
均質材料中鎳占0.01 wt%(100 ppm)
均質材料中六價鉻占0.1 wt%(1000ppm)
均質材料中六價鉻占0.0003 wt%(3ppm)
均質材料中六價鉻占0.1 wt%(1000 ppm)
零部件中錫占0.1 wt%(1000ppm)
零部件中錫占0.1 wt%(1000ppm)
有意添加
有意添加、成品或混合物中小於75 ppm
均質材料中鉛占0.1 wt%(1000 ppm)
產品中鉛占0.01 wt%(100 ppm)
表面塗層中鉛占0.009 wt%(90 ppm)
表面塗層中鉛占0.009 wt%(90 ppm)
表面覆蓋層中鉛占0.03 wt%(300 ppm)
均質材料中鉛占0.03 wt%(300 ppm)
電池中鉛占0.01 wt%(100ppm)
電池中鉛占0.004 wt%(40ppm)
電池中鉛占0.004 wt%(40ppm)
電池中鉛占0.05 wt%(500ppm)
電池中鉛占0.01 wt%(100ppm)
均質材料中鉛占0.1 wt%(1000 ppm)
有意添加或均質材料中汞占0.1 wt%(1000 ppm)
有意添加或電池中汞占0.0001 wt%(1ppm)
均質材料中汞占0.0005 wt%(5 ppm)
均質材料中汞占0.1 wt%(1000 ppm)
有意添加
通過ODS進行的清洗加工、發泡加工等處理
電池或構成零部件中占0.000006wt%(6ppb)

有意添加、成品或混合物中： 小於1000 ppb (PFOS及其衍生物合計)
塑化材料中鄰苯二甲基酯類濃度的總和0.1 wt%(1000 ppm)
塑化材料中鄰苯二甲基酯類濃度的總和0.1 wt%(1000 ppm)
塑化材料中鄰苯二甲基酯類濃度的總和0.1 wt%(1000 ppm)
塑化材料中鄰苯二甲基酯類濃度的總和0.1 wt%(1000 ppm)
均質材料中占0.1 wt%(1000 ppm)
有意添加
有意添加或均質材料中占0.1 wt%(1000 ppm)
有意添加或成品中占0.05wt%(500ppm)
有意添加或材料中占0.00005wt%(0.5ppm)
材料中占0.005 wt%(50 ppm)
有意添加
有意添加
有意添加或成品中占0.1wt%(1000ppm)
有意添加或零部件中錫占0.1 wt%(1000ppm)
塑膠材料中占0.1wt%(1000ppm)
電路板材料中含有的氯合計占0.09 wt%(900 ppm)
有意添加
有意添加
0.5 µg/cm ² /week(溶出量)
有意添加
有意添加
在成品或混合物中含量小於 25 ppb
有意添加
在成品或混合物中含量小於 1000 ppb
有意添加
成品或混和物中PFOA及其鹽類總和0.0000025 wt%(25ppb)
有意添加
成品或混和物中PFOA相關物質總和0.0001 wt%(1000ppb)
有意添加
均質材料中的總鹵化阻燃劑1000 ppm(包含 PBBs和PBDEs)或有意添加
均質材料中的總鹵化阻燃劑1000 ppm(包含 PBBs和PBDEs)或有意添加
有意添加
有意添加
有意添加

成品或混合物中占0.000025 wt%(25ppb)
成品或混合物中PFCAs相關物質總和0.00026 wt%(260ppb)
有意添加
有意添加
0.1 wt% (1000 ppm)
0.0001 wt% (1 ppm)
0.1 wt% (1000 ppm)
有意添加 or 成品或混合物中濃度小於0.0005 wt% (5 ppm)
成品中占0.1 wt%(1000 ppm)
均質材料中占0.1 wt%(1000 ppm)
成品或混合物中占0.001 wt%(10ppm)或有意添加
成品中占0.1 wt%(1000 ppm)
產品中占0.1 wt%(1000ppm)
成品中占0.1 wt%(1000 ppm)
有意添加
成品中占0.1 wt%(1000 ppm)
成品中占0.1 wt%(1000 ppm)
塑膠或橡膠零部件中占0.0001 wt%(1ppm)
塑膠或橡膠零部件中占0.00005 wt%(0.5 ppm)
塑膠或橡膠零部件中占0.0001 wt%(1ppm)
塑膠或橡膠零部件中占0.00005 wt%(0.5 ppm)
塑膠或橡膠零部件中占0.0001 wt%(1ppm)
塑膠或橡膠零部件中占0.00005 wt%(0.5 ppm)
塑膠或橡膠零部件中占0.0001 wt%(1ppm)
塑膠或橡膠零部件中占0.00005 wt%(0.5 ppm)
塑膠或橡膠零部件中占0.0001 wt%(1ppm)
塑膠或橡膠零部件中占0.00005 wt%(0.5 ppm)
有意添加
成品中濃度小於0.1 wt% (1000 ppm)
成品中占0.1 wt%(1000ppm)或有意添加
織品中占0.0075 wt%(75ppm)
參考規範4.3化學品分析方法
塑膠或橡膠零部件中占0.0001 wt%(1ppm)

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EU Directive 757/2010/EU

官網:<https://eur-lex.europa.eu/eli/reg/2010/757/oj/eng>

更新日期:24 August 2010

項次	物質名稱	CAS No.	EC No.
1	Tetrabromodiphenyl ether C ₁₂ H ₆ Br ₄ O	40088-47-9 and others	254-787-2 and others
2	Pentabromodiphenyl ether C ₁₂ H ₅ Br ₅ O	32534-81-9 and others	251-084-2 and others
3	Hexabromodiphenyl ether C ₁₂ H ₄ Br ₆ O	36483-60-0 and others	253-058-6 and others

4	Heptabromodiphenyl ether C ₁₂ H ₃ Br ₇ O	68928-80-3 and others	273-031-2 and others
5	Perfluorooctane sulfonic acid and its derivatives (PFOS) C ₈ F ₁₇ SO ₂ X (X = OH, Metal salt (O-M ⁺), halide, amide, and other derivatives including polymers)	1763-23-1	217-179-8
		2795-39-3	220-527-1
		29457-72-5	249-644-6
		29081-56-9	249-415-0
		70225-14-8	274-460-8
		56773-42-3	260-375-3
		251099-16-8	223-980-3
		4151-50-2	250-665-8
		31506-32-8	216-887-4
		1691-99-2	246-262-1
		24448-09-7	206-200-6
		307-35-7	and others
and others			
6	DDT (1,1,1-trichloro-2,2-bis(4- chlorophenyl)ethane)	50-29-3	200-024-3
7	Chlordane	57-74-9	200-349-0
8	Hexachlorocyclohexanes, including lindane	58-89-9	200-401-2
		319-84-6	206-270-8
		319-85-7	206-271-3
		608-73-1	210-168-9
9	Dieldrin	60-57-1	200-484-5
10	Endrin	72-20-8	200-775-7
11	Heptachlor	76-44-8	200-962-3
12	Hexachlorobenzene	118-74-1	200-273-9
13	Chlordecone	143-50-0	205-601-3
14	Aldrin	309-00-2	206-215-8
15	Pentachlorobenzene	608-93-5	210-172-5
16	Polychlorinated Biphenyls (PCB)	1336-36-3 and others	215-648-1 and others
17	Mirex	2385-85-5	219-196-6
18	Toxaphene	8001-35-2	232-283-3
19	Hexabromobiphenyl	36355-01-8	252-994-2

特殊豁免規範

1. For the purposes of this entry, Article 4(1)(b) shall apply to concentrations of Tetrabromodiphenyl ether equal to or below 10 mg/kg (0,001 % by weight) when it occurs in substances, preparations, articles or as constituents of the flame-retarded parts of articles.

2. By way of derogation, the production, placing on the market and use of the following shall be allowed:

(a) without prejudice to subparagraph (b), articles and preparations containing concentrations below 0,1 % of tetrabromodiphenyl ether by weight when produced partially or fully from recycled materials or materials from waste prepared for re-use;

(b) electrical and electronic equipment within the scope of Directive 2002/95/EC of the European Parliament and Council (1).

3. Use of articles already in use in the Union before 25 August 2010 containing Tetrabromodiphenyl ether as a constituent of such articles shall be allowed. Article 4(2), third and fourth subparagraphs shall apply in relation to such articles.

1. For the purposes of this entry, Article 4(1)(b) shall apply to concentrations of pentabromodiphenyl ether equal to or below 10 mg/kg (0,001 % by weight) when it occurs in substances, preparations, articles or as constituents of the flame-retarded parts of articles.

2. By way of derogation, the production, placing on the market and use of the following shall be allowed:

(a) without prejudice to subparagraph (b), articles and preparations containing concentrations below 0,1 % of pentabromodiphenyl ether by weight when produced partially or fully from recycled materials or materials from waste prepared for re-use;

(b) electrical and electronic equipment within the scope of Directive 2002/95/EC.

3. Use of articles already in use in the Union before 25 August 2010 containing Pentabromodiphenyl ether as a constituent of such articles shall be allowed. Article 4(2), third and fourth subparagraphs shall apply in relation to such articles.

1. For the purposes of this entry, Article 4(1)(b) shall apply to concentrations of hexabromodiphenyl ether equal to or below 10 mg/kg (0,001 % by weight) when it occurs in substances, preparations, articles or as constituents of the flame-retarded parts of articles.

2. By way of derogation, the production, placing on the market and use of the following shall be allowed:

(a) without prejudice to subparagraph (b), articles and preparations containing concentrations below 0,1 % of hexabromobiphenyl ether by weight when produced partially or fully from recycled materials or materials from waste prepared for re-use;

(b) electrical and electronic equipment within the scope of Directive 2002/95/EC.

3. Use of articles already in use in the Union before 25 August 2010 containing Hexabromodiphenyl ether as a constituent of such articles shall be allowed. Article 4(2), third and fourth subparagraphs shall apply in relation to such articles.

1. For the purposes of this entry, Article 4(1)(b) shall apply to concentrations of heptabromodiphenyl ether equal to or below 10 mg/kg (0,001 % by weight) when it occurs in substances, preparations, articles or as constituents of the flame-retarded parts of articles.

2. By way of derogation, the production, placing on the market and use of the following shall be allowed:

(a) without prejudice to subparagraph (b), articles and preparations containing concentrations below 0,1 % of heptabromodiphenyl ether by weight when produced partially or fully from recycled materials or materials from waste prepared for re-use;

(b) electrical and electronic equipment within the scope of Directive 2002/95/EC.

3. Use of articles already in use in the Union before 25 August 2010 containing Heptabromodiphenyl ether as a constituent of such articles shall be allowed. Article 4(2), third and fourth subparagraphs shall apply in relation to such articles.

1. For the purposes of this entry, Article 4(1)(b) shall apply to concentrations of PFOS equal to or below 10 mg/kg (0,001 % by weight) when it occurs in substances or in preparations.

2. For the purposes of this entry, Article 4(1) (b) shall apply to concentrations of PFOS in semi-finished products or articles, or parts thereof, if the concentration of PFOS is lower than 0,1 % by weight calculated with reference to the mass of structurally or micro-structurally distinct parts that contain PFOS or, for textiles or other coated materials, if the amount of PFOS is lower than 1 µg/m² of the coated material.

3. Use of articles already in use in the Union before 25 August 2010 containing PFOS as a constituent of such articles shall be allowed. Article 4(2), third and fourth subparagraphs shall apply in relation to such articles.

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Without prejudice to Directive 96/59/EC, articles already in use at the time of the entry into force of this Regulation are allowed to be used

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Tri-substituted organostannic compounds (TBT)

$\alpha,\alpha,\alpha,4$ -Tetrachlorotoluene; *p*-Chlorobenzotrichloride

1,2-Benzenedicarboxylic acid; Di-C 6-8-branched alkylesters, C 7-rich

Di-*n*-pentyl phthalate(DPP)

Di-*n*-hexyl phthalate(DnHP)

N-Methyl-2-pyrrolidone; 1-Methyl-2-pyrrolidone(NMP)

N,N-Dimethylacetamide(DMAC)

N,N-Dimethylformamide; Dimethyl formamide

Benzenamine, 4,4'-(4-iminocyclohexa-2,5-dienylidenemethylene)dianiline hydrochloride C.I. Basic Red 9
[4-[4,4'-Bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammoniumchloride; (

- 1級 0.0001 wt% (1 ppm) in coating and printing

C.I. Basic Violet 3 with 0,1 % of Michler's ketone

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Paris Convention

: <http://www.pic.int/TheConvention/Overview/tabid/1044/language/en-US/Default.aspx>

清單網頁 : <http://www.pic.int/TheConvention/Chemicals/AnnexIIIChemicals/tabid/1132/language/en-US/D>

日期: October 2025

* 僅列出主要化合物的 CAS 編號。詳細相關物質列表請參考其決策指導文件。

物質名稱
2,4,5-T and its salts and esters (*)
Alachlor
Aldicarb
Aldrin
Azinphos-methyl
Binapacryl
Captafol
Carbofuran
Chlordane
Chlordimeform
Chlorobenzilate
DDT
Dieldrin
Dinitro-ortho-cresol (DNOC) and its salts (such as ammonium salt, potassium salt and sodium salt)
Dinoseb and its salts and esters (*)
EDB (1,2-dibromoethane)
Endosulfan
Ethylene dichloride
Ethylene oxide
Fluoroacetamide
HCH (mixed isomers)
Heptachlor
Hexachlorobenzene
Lindane (gamma-HCH)
Mercury compounds, including inorganic mercury compounds, alkyl mercury compounds and alkyloxyalkyl and aryl mercury compounds
Methamidophos
Monocrotophos
Parathion
Pentachlorophenol and its salts and esters
Phorate
Toxaphene (Camphechlor)
Terbufos
Tributyl tin compounds
Trichlorfon
Dustable powder formulations containing a combination of benomyl at or above 7%, carbofuran at or above 10% and thiram at or above 15%
Methyl-parathion (Emulsifiable concentrates (EC) at or above 19.5% active ingredient and dusts at or above 1.5% active ingredient)
Phosphamidon (Soluble liquid formulations of the substance that exceed 1000 g active ingredient/l)

Carbosulfan 碳磺
Fenthion (ultra-low-volume formulations at or above 640 g active ingredient/L 芬硫寧 (超低容量配方·有效成分含量達每公升640克或以上))
Actinolite asbestos
Amosite asbestos
Anthophyllite asbestos
Commercial octabromodiphenyl ether (including Hexabromodiphenyl ether and Heptabromodiphenyl ether)
Commercial pentabromodiphenyl ether (including tetrabromodiphenyl ether and pentabromodiphenyl ether)
Crocidolite asbestos
Decabromodiphenyl ether (decaBDE)
Hexabromocyclododecane
Perfluorooctane sulfonic acid, perfluorooctane sulfonates, perfluorooctane sulfonamides and perfluorooctane sulfonyls
Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Polybrominated Biphenyls (PBBs)
Polychlorinated Biphenyls (PCBs)
Polychlorinated Terphenyls (PCTs)
Short-chain chlorinated paraffins (SCCP)
Tetraethyl lead
Tetramethyl lead
Tremolite asbestos
Tris(2,3-dibromopropyl) phosphate

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CAS No.	類別
93-76-5	農藥
15972-60-8	農藥
116-06-3	農藥
309-00-2	農藥
86-50-0	農藥
485-31-4	農藥
2425-06-1	農藥
1563-66-2	農藥
57-74-9	農藥
6164-98-3	農藥
510-15-6	農藥
50-29-3	農藥
60-57-1	農藥
534-52-1	農藥
88-85-7(*)	農藥
106-93-4	農藥
115-29-7	農藥
107-06-2	農藥
75-21-8	農藥
640-19-7	農藥
608-73-1	農藥
76-44-8	農藥
118-74-1	農藥
58-89-9	農藥
99-99-9	農藥
10265-92-6	農藥
6923-22-4	農藥
56-38-2	農藥
87-86-5 (*)	農藥
298-02-2	農藥
8001-35-2	農藥
13071-79-9	農藥
1461-22-9	農藥、工業化學品
1983-10-4	
2155-70-6	
24124-25-2	
4342-36-3	
56-35-9	
85409-17-2	
52-68-6	農藥
137-26-8	農藥製劑
1563-66-2	
17804-35-2	
298-00-0	農藥製劑
13171-21-6	農藥製劑

55285-14-8	農藥製劑	
55-38-9	農藥製劑	
77536-66-4	工業化學品	
12172-73-5	工業化學品	
77536-67-5	工業化學品	
36483-60-0	工業化學品	
68928-80-3		
32534-81-9	工業化學品	
40088-47-9		
12001-28-4	工業化學品	
1163-19-5	工業化學品	
134237-50-6	工業化學品	
134237-51-7		
134237-52-8		
25637-99-4		
3194-55-6		
1691-99-2	工業化學品	
1763-23-1		
24448-09-7		
251099-16-8		
2795-39-3		
29081-56-9		
29457-72-5		
307-35-7		
31506-32-8		
4151-50-2		
56773-42-3		
70225-14-8		
335-67-1		工業化學品
13654-09-6		工業化學品
27858-07-7		
36355-01-8		
1336-36-3	工業化學品	
61788-33-8	工業化學品	
85535-84-8	工業化學品	
78-00-2	工業化學品	
75-74-1	工業化學品	
77536-68-6	工業化學品	
126-72-7	工業化學品	

Montreal Protocol on Substances that Deplete the Ozone Layer

官網 : <https://ozone.unep.org/treaties/montreal-protocol>

更新日期: November 2024

項次	Group	物質名稱
1	Group I (CFCs)	氟氯化碳 Chlorofluorocarbons
2		
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6	Group II (Halons)	海龍 Halons
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9	Group III (Other CFCs)	其他全鹵化氟氯化碳 Other fully halogenated CFCs
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19	Group IV (Carbon Tetrachloride)	四氯化碳 Carbon tetrachloride
20	Group V (Methyl Chloroform)	1,1,1-三氯乙烷甲基氯仿 1,1,1-trichloroethane methyl chloroform
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Group VII(HCFCs)

氟氯烃(消費量)
HCFCs consumption
氟氯烃(生產量)
HCFCs production

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167	Group VIII (HBFCs)	氟溴烴 HBFCs
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200	Group VIII	氟溴甲烷 Bromochloromethane
201	Group VI	甲基溴 Methyl bromide
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213	Group IX	氢氟碳化物
214		Hydrofluorocarbons(HFCs)
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	CAS No.
CFC-11	75-69-4
CFC-12	75-71-8
CFC-113	76-13-1
CFC-114	76-14-2
CFC-115	76-15-3
halon 1211	353-59-3
halon 1301	75-63-8
halon 2402	124-73-2
CFC-13	75-72-9
CFC-111	354-56-3
CFC-112	76-12-0
CFC-211	422-78-6
CFC-212	3182-26-1
CFC-213	134237-31-3
CFC-214	29255-31-0
CFC-215	4259-43-2
CFC-216	661-97-2
CFC-217	422-86-6
Carbon tetrachloride	56-23-5
1,1,1-trichloroethane methyl chloroform	71-55-6
HCFC-21	75-43-4
HCFC-22	75-45-6
HCFC-31	593-70-4
HCFC-121	134237-32-4
HCFC-121	354-11-0
HCFC-121	354-14-3
HCFC-122	41834-16-6
HCFC-122	354-21-2
HCFC-122	354-15-4
HCFC-122	354-12-1
HCFC-123	34077-87-7
HCFC-123	90454-18-5
HCFC-123	306-83-2
HCFC-123	354-23-4
HCFC-123	812-04-4
HCFC-124	63938-10-3
HCFC-124	2837-89-0
HCFC-124	354-25-6
HCFC-131	27154-33-2
HCFC-131	134237-34-6
HCFC-131	359-28-4
HCFC-131	811-95-0
HCFC-131	2366-36-1
HCFC-132	25915-78-0
HCFC-132	1649-08-7
HCFC-132	1842-05-3
HCFC-132	471-43-2

HCFC-132	431-06-1
HCFC-133	1330-45-6
HCFC-133	431-07-2
HCFC-133	75-88-7
HCFC-133	421-04-5
HCFC-141	1717-00-6
HCFC-141	25167-88-8
HCFC-141	430-57-9
HCFC-141	430-53-5
HCFC-142	25497-29-4
HCFC-142	338-65-8
HCFC-142	75-68-3
HCFC-142	338-64-7
HCFC-142	55949-44-5
HCFC-151	110587-14-9
HCFC-151	762-50-5
HCFC-151	1615-75-4
HCFC-221	134237-35-7
HCFC-221	29470-94-8
HCFC-221	422-26-4
HCFC-222	134237-36-8
HCFC-222	422-49-1
HCFC-222	422-30-0
HCFC-222	116867-32-4
HCFC-223	134237-37-9
HCFC-223	422-52-6
HCFC-223	422-50-4
HCFC-224	134237-38-0
HCFC-224	422-54-8
HCFC-224	422-53-7
HCFC-224	422-51-5
HCFC-225	127564-92-5
HCFC-225	128903-21-9
HCFC-225	422-48-0
HCFC-225	422-44-6
HCFC-225	422-56-0
HCFC-225	507-55-1
HCFC-225	13474-88-9
HCFC-225	431-86-7
HCFC-225	136013-79-1
HCFC-225	111512-56-2
HCFC-225	2713-09-9
HCFC-226	134308-72-8
HCFC-226	431-87-8
HCFC-226	28987-04-4
HCFC-231	134190-48-0
HCFC-231	421-94-3
HCFC-232	134237-39-1
HCFC-232	460-89-9
HCFC-233	134237-40-4
HCFC-233	7125-83-9
HCFC-234	127564-83-4
HCFC-234	425-94-5
HCFC-235	134237-41-5

HCFC-235	460-92-4
HCFC-235	108662-83-5
HCFC-241	134190-49-1
HCFC-241	666-27-3
HCFC-242	134237-42-6
HCFC-242	460-63-9
HCFC-243	134237-43-7
HCFC-243	7125-99-7
HCFC-243	338-75-0
HCFC-243	460-69-5
HCFC-243	116890-51-8
HCFC-244	134190-50-4
HCFC-244	679-85-6
HCFC-244	421-75-0
HCFC-251	134190-51-5
HCFC-251	818-99-5
HCFC-251	421-41-0
HCFC-252	134190-52-6
HCFC-252	819-00-1
HCFC-253	134237-44-8
HCFC-253	460-35-5
HCFC-253	26588-23-8
HCFC-261	134237-45-9
HCFC-261	7799-56-6
HCFC-261	420-97-3
HCFC-261	127404-11-9
HCFC-262	134190-53-7
HCFC-262	420-99-5
HCFC-262	102738-79-4
HCFC-262	421-02-3
HCFC-271	134190-54-8
HCFC-271	420-44-0
HCFC-271	430-55-7
HBFC-21 B2	1868-53-7
HBFC-22 B1	1511-62-2
Bromofluoromethane	373-52-4
HBFC-121 B4	306-80-9
HBFC-121 B4	353-93-5
HBFC-122 B3	353-97-9
HBFC-122 B3	677-34-9
HBFC-122 B3	7304-53-2
HBFC-123 B2	354-04-1
HBFC-124 B1	124-72-1
HBFC-131 B3	420-88-2
HBFC-131 B3	598-67-4
HBFC-132 B2	75-82-1
HBFC-132 B2	359-19-3
HBFC-133 B1	421-06-7
HBFC-141 B2	358-97-4
HBFC-142 B1	420-47-3
HBFC-142 B1	359-07-9
Bromofluoroethane	762-49-2
Hexabromofluoropropane	-
Pentabromodifluoropropane	-

Tetrabromotrifluoropropane	-
Tribromotetrafluoropropane	666-48-8
HBFC-225 B2	431-78-7
HBFC-226 B1	2252-78-0
HBFC-231 B5	-
HBFC-232 B4	148875-98-3
HBFC-233 B3	421-90-9
HBFC-234 B2	460-86-6
HBFC-235 B1	460-88-8
HBFC-235 B1	22692-16-6
HBFC-235 B1	26391-11-7
HBFC-235 B1	422-01-5
HBFC-235 B1	53692-43-6
HBFC-235 B1	53692-44-7
HBFC-235 B1	677-52-1
HBFC-235 B1	677-53-2
HBFC-235 B1	679-94-7
HBFC-241 B4	148875-95-0
Tribromodifluoropropane	70192-80-2
Tribromodifluoropropane	666-25-1
HBFC-243 B2	431-21-0
HBFC-244 B1	679-84-5
HBFC-244 B1	19041-01-1
HBFC-244 B1	29151-25-5
HBFC-244 B1	460-67-3
HBFC-244 B1	70192-71-1
HBFC-244 B1	70192-84-6
HBFC-251 B3	75372-14-4
HBFC-252 B2	460-25-3
HBFC-253 B1	421-46-5
HBFC-253 B1	460-32-2
HBFC-261 B2	51584-26-0
HBFC-261 B2	1786-38-5
HBFC-261 B2	453-00-9
HBFC-261 B2	62135-10-8
HBFC-261 B2	62135-11-9
HBFC-262 B1	111483-20-6
HBFC-262 B1	2195-05-3
HBFC-262 B1	420-89-3
HBFC-262 B1	420-98-4
HBFC-262 B1	430-87-5
HBFC-262 B1	461-49-4
HBFC-271 B1	1871-72-3
HBFC-271 B1	352-91-0
Bromochloromethane	74-97-5
Methyl bromide	74-83-9
HFC-23	75-46-7
HFC-32	75-10-5
HFC-41	593-53-3
HFC-43-10mee	138495-42-8
HFC-125	354-33-6
HFC-134	359-35-3

HFC-134a	811-97-2
Difluoroethane	25497-28-3
HFC-152a	75-37-6
1,2-Difluoroethane	624-72-6
Trifluoroethane	27987-06-0
HFC-143	430-66-0
HFC-143a	420-46-2
HFC-227ea	431-89-0
1,1,1,2,2,3,3-Heptafluoropropane	2252-84-8
HFC-236cb	677-56-5
HFC-236ea	431-63-0
Hexafluoropropane	27070-61-7
HFC-236fa	690-39-1
HFC-245ca	679-86-7
HFC-245fa	460-73-1
1,1,1,2,2-Pentafluoropropane	1814-88-6
HFC-365mfc	406-58-6

EU 2019/1021

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附錄一：禁止使用的管制物質及其豁免規範。

附錄二：限制管制物質的使用及其豁免規範。

附錄三：降低管制物質排放至環境中的要求

附錄四：管制物質存在於廢棄物中的要求。

項次	來源	物質名稱
1	附錄一	Tetrabromodiphenyl ether
2		C ₁₂ H ₆ Br ₄ O
3	附錄一	Pentabromodiphenyl ether
4		C ₁₂ H ₅ Br ₅ O
5	附錄一	Hexabromodiphenyl ether
6		C ₁₂ H ₄ Br ₆ O
7	附錄一	Heptabromodiphenyl ether
8		C ₁₂ H ₃ Br ₇ O
9	附錄一	Bis(pentabromophenyl) ether (decabromodiphenyl ether; decaBDE)
10		
11		
12		

13		
14		
15		Perfluorooctane sulfonic acid and its derivatives (PFOS)
16	附錄一	C ₈ F ₁₇ SO ₂ X
17		(X = OH, Metal salt (O-M ⁺), halide, amide, and other derivatives including polymers)
18		△ 更新: 0.025 mg/kg ; PFOS-related ≤ 1 mg/kg
19		
20		
21		
22		
23	附錄一	DDT (1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane)
24	附錄一	Chlordane
25		
26	附錄一	Hexachlorocyclohexanes, including lindane
27		
28		
29	附錄一	Dieldrin
30	附錄一	Endrin
31	附錄一	Heptachlor
32		
33	附錄一	Endosulfan
34		
35	附錄一	Hexachlorobenzene
36	附錄一	Chlordecone
37	附錄一	Aldrin
38	附錄一	Pentachlorobenzene
39	附錄一	Polychlorinated Biphenyls (PCB)
40		
41	附錄一	Mirex
42	附錄一	Toxaphene
43	附錄一	Hexabromobiphenyl
44		1 Hexabromocyclododecane
45		
46	附錄一	'Hexabromocyclododecane' means: hexabromocyclododecane,
47		1,2,5,6,9,10-hexabromocyclododecane and its main diastereoisomers:
48		alpha-hexabromocyclododecane; beta-hexabromocyclododecane; and
49	附錄一	Hexachlorobutadiene
50	附錄一	Pentachlorophenol and its salts and esters
51		
52	附錄一	Polychlorinated naphthalenes (7)
53		
54	附錄一	Alkanes C ₁₀ -C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)
55		△ 確認限值: 1000 mg/kg
56	附錄三	Polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/PCDF)
57	附錄三	Polychlorinated biphenyls (PCB)
58	附錄三	Hexachlorobenzene (HCB)
59	附錄三	Polycyclic aromatic hydrocarbons (PAHs) (1)
60	附錄三	Pentachlorobenzene
61	附錄三	Hexachlorobutadiene
62	附錄三	Polychlorinated naphthalenes
63		

64		
65	附錄四	Endosulfan
66		
67	附錄四	Hexachlorobutadiene
68	附錄四	Polychlorinated naphthalenes (1)
69	附錄四	Alkanes C10-C13, chloro (short-chain chlorinated paraffins) (SCCPs) Δ 確認限值: 1000
70	附錄四	Tetrabromodiphenyl ether C12H6Br4O
71	附錄四	Pentabromodiphenyl ether C12H5Br5O
72	附錄四	Hexabromodiphenyl ether C12H4Br6O
73	附錄四	Heptabromodiphenyl ether C12H3Br7O
74	附錄四	Decabromodiphenyl ether C12Br10O
75		
76		
77		
78		
79		
80		Perfluorooctane sulfonic acid and its derivatives (PFOS) C8F17SO2X
81	附錄四	(X = OH, \leq Metal salt (O-M ⁺), halide, amide, \leq and other derivatives including polymers)
82		Δ 更新: 0.025 mg/kg ; PFOS-related 1 mg/kg
83		
84		
85		
86		
87		
88	附錄四	Polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/PCDF)
89	附錄四	DDT (1,1,1-trichloro-2,2-bis (4-chlorophenyl)ethane)
90	附錄四	Chlordane
91		
92	附錄四	Hexachlorocyclohexanes, including lindane
93		
94		
95	附錄四	Dieldrin
96	附錄四	Endrin
97	附錄四	Heptachlor
98	附錄四	Hexachlorobenzene
99	附錄四	Chlordecone
100	附錄四	Aldrin
101	附錄四	Pentachlorobenzene
102	附錄四	Polychlorinated Biphenyls (PCB)
103	附錄四	Mirex
104	附錄四	Toxaphene
105	附錄四	Hexabromobiphenyl
106		
107		
108	附錄四	Hexabromocyclododecane (4)
109		
110		
111	附錄四	UV 328 (2 (2H benzotriazol 2 yl) 4,6 ditert pentylphenol)
112	附錄四	PFOS \leq (perfluorooctane sulfonic acid and its salts & related compounds) Δ 更新: 0.025 mg/kg ; PFOS-related 1 mg/kg

CAS No.
40088-47-9
and others
32534-81-9
and others
36483-60-0
and others
68928-80-3
and others
1163-19-5
1763-23-1
2795-39-3
29457-72-5

29081-56-9
70225-14-8
56773-42-3
251099-16-8
4151-50-2
31506-32-8
1691-99-2
24448-09-7
307-35-7
and others
50-29-3
57-74-9
58-89-9
319-84-6
319-85-7
608-73-1
60-57-1
72-20-8
76-44-8
115-29-7
959-98-8
33213-65-9
118-74-1
143-50-0
309-00-2
608-93-5
1336-36-3
and others
2385-85-5
8001-35-2
36355-01-8
25637-99-4
3194-55-6
134237-50-6
134237-51-7
134237-52-8
87-68-3
87-86-5
and others
70776-03-3
and others
85535-84-8
and others
-
-
118-74-1
608-93-5
87-68-3
70776-03-3
and others

115-29-7
959-98-8
33213-65-9
87-68-3
-
85535-84-8
40088-47-9 and others
32534-81-9 and others
36483-60-0 and others
68928-80-3 and others
1163-19-5 and others
1763-23-1
2795-39-3
29457-72-5
29081-56-9
70225-14-8
56773-42-3
251099-16-8
4151-50-2
31506-32-8
1691-99-2
24448-09-7
307-35-7
and others
50-29-3
57-74-9
58-89-9
319-84-6
319-85-7
608-73-1
60-57-1
72-20-8
76-44-8
118-74-1
143-50-0
309-00-2
608-93-5
1336-36-3 and others
2385-85-5
8001-35-2
36355-01-8
25637-99-4
3194-55-6
134237-50-6
134237-51-7
134237-52-8
25973 55 1
335 67 1 et al.

72 43 5

特殊豁免規範 及
附錄四限制濃度

1.For the purposes of this entry, point (b) of Article 4(1) shall apply to concentrations of Tetrabromodiphenyl ether equal to or below 10 mg/kg (0,001 % by weight) where it is present in

1.For the purposes of this entry, point (b) of Article 4(1) shall apply to concentrations of pentabromodiphenyl ether equal to or below 10 mg/kg (0,001 % by weight) where it is present in

1.For the purposes of this entry, point (b) of Article 4(1) shall apply to concentrations of hexabromodiphenyl ether equal to or below 10 mg/kg (0,001 % by weight) where it is present in

1.For the purposes of this entry, point (b) of Article 4(1) shall apply to concentrations of heptabromodiphenyl ether equal to or below 10 mg/kg (0,001 % by weight) where it is present in

1.For the purposes of this entry, point (b) of Article 4(1) shall apply to concentrations of decaBDE equal to or below 10 mg/kg (0,001 % by weight) where it is present in substances.

2.For the purposes of the entries on tetra-, penta-, hexa-, hepta- and decaBDE, point (b) of Article 4(1) shall apply to the sum of the concentrations of those substances up to 500 mg/kg where they are present in mixtures or articles, subject to review and assessment by the Commission by 16 July 2021. This review shall assess, inter alia, all relevant impacts with regard to health and the environment.

3.By way of derogation, the manufacturing, placing on the market and use of decaBDE shall be allowed for the following purposes, provided that Member States report to the Commission by December 2019 in accordance with the Convention:

(a)in the manufacturing of an aircraft, for which type approval has been applied for before 2 March 2019 and has been received before December 2022, until 18 December 2023, or, in cases where the continuing need is justified, until 2 March 2027;

(b)in the manufacturing of spare parts for either of the following:

(i)an aircraft, for which type approval has been applied for before 2 March 2019 and has been received before December 2022, produced before 18 December 2023, or, in cases where the continuing need is justified, produced before 2 March 2027, until the end of service life of that aircraft;

(ii)motor vehicles within the scope of Directive 2007/46/EC of the European Parliament and of the Council (2), produced before 15 July 2019, either until 2036 or the end of service life of those motor vehicles, whichever date comes earlier;

(c)electric and electronic equipment within the scope of Directive 2011/65/EC.

4.The specific exemptions for spare parts for use in motor vehicles referred to in point 2(b)(ii) shall apply for the manufacturing and use of commercial decaBDE falling into one or more of the following categories:

(a)powertrain and under-hood applications such as battery mass wires, battery interconnection wires, mobile air condition (MAC) pipes, powertrains, exhaust manifold bushings, under-hood insulation, wiring and harness under-hood (engine wiring, etc.), speed sensors, hoses, fan modules and knock sensors;

(b)fuel system applications such as fuel hoses, fuel tanks and fuel tanks under body;

(c)pyrotechnical devices and applications affected by pyrotechnical devices such as airbag ignition

1.For the purposes of this entry, point (b) of Article 4(1) shall apply to concentrations of PFOS equal to or below 10 mg/kg (0,001 % by weight) where it is present in substances or in mixtures.

2.For the purposes of this entry, point (b) of Article 4(1) shall apply to concentrations of PFOS in semi-finished products or articles, or parts thereof, if the

concentration of PFOS is lower than 0,1 % by weight calculated with reference to the mass of structurally or micro-structurally distinct parts that contain PFOS or, for textiles or other coated materials, if the amount of PFOS is lower than 1 µg/m² of the coated material.

3. Use of articles already in use in the Union before 25 August 2010 containing PFOS shall be allowed. Article 4(2), third and fourth subparagraphs shall apply in relation to such articles.

4. If the quantity released into the environment is minimised, manufacturing and placing on the market is allowed for the following specific uses provided that Member States report to the Commission every four years on progress made to eliminate PFOS:

mist suppressants for non-decorative hard chromium (VI) plating in closed loop systems.

Where such a derogation concerns production or use in an installation within the scope of Directive 2008/1/EC of the European Parliament and of the Council (4), the relevant best available techniques for the prevention and minimisation of emissions of PFOS described in the information published by the Commission pursuant to Article 17(2), second subparagraph, of Directive 2008/1/EC shall apply.

As soon as new information on details of uses and safer alternative substances or technologies becomes available, the Commission shall review the derogation in

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1. Placing on the market and use of articles already in use before or on 10 July 2012 containing endosulfan shall be allowed.

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Without prejudice to Directive 96/59/EC, articles already in use at the time of the entry into force of this Regulation are allowed to be used.

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1. For the purposes of this entry, point (b) of Article 4(1) shall apply to concentrations of hexabromocyclododecane equal to or below 100 mg/kg (0,01 % by weight) where it is present in substances, mixtures, articles or as constituents of the flame-retarded articles, subject to review by the Commission by 22 March 2019.

1. Placing on the market and use of articles already in use before or on 10 July 2012 containing hexachlorobutadiene shall be allowed.

2. Article 4(2), third and fourth subparagraphs shall apply to articles referred to in point 1.

1. Placing on the market and use of articles already in use before or on 10 July 2012 containing polychlorinated naphthalenes shall be allowed.

1. By way of derogation, the manufacturing, placing on the market and use of substances or mixtures containing SCCPs in concentrations lower than 1 % by weight or articles containing SCCPs in concentrations lower than 0,15 % by weight shall be

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0.1 mg/kg for substances/mixtures/articles ≤ 0.01 mg/kg, effective within 20 days of publication. Waste (Annex IV): If ≥ 0.01 mg/kg, must be disposed of according to Annex IV (destruction or no-landfill conditions)