



REACH Candidate List of Substances of Very High Concern for Authorisation

欧盟 REACH 法规 SVHC 清单

(As of January 21, 2025, a total of 247 items in 33 batches)

(截止到 2025.01.21, 共 33 批 247 项)

Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
1	4,4'- Diaminodiphenylmethane (MDA) 4,4'-二氨基二苯甲烷 (MDA)	202-974-4	101-77-9	Carcinogenic (Article 57a) 致癌性 (Article 57a)
1	5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene) 二甲苯麝香 (MX)	201-329-4	81-15-2	vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
1	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) 短链氯化石蜡(C ₁₀ -C ₁₃) (SCCP)	287-476-5	85535-84-8	PBT (Article 57d) 持久性、生物累积性、毒性物质 (Article 57d) vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
1	Anthracene 蒽	204-371-1	120-12-7	PBT (Article 57d) 持久性、生物累积性、毒性物质 (Article 57d)



Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
1	Benzyl butyl phthalate (BBP) 邻苯二甲酸苄基丁酯 (BBP)	201-622-7	85-68-7	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c) Endocrine disrupting properties (Article 57(f) - human health) 内分泌干扰性 (Article 57(f)-人类健康)
1	Bis (2-ethylhexyl)phthalate (DEHP) 邻苯二甲酸二(2-乙基己基)酯 (DEHP)	204-211-0	117-81-7	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c) Endocrine disrupting properties (Article 57(f) - environment) 内分泌干扰性 (Article 57(f)-环境) Endocrine disrupting properties (Article 57(f) - human health) 内分泌干扰性 (Article 57(f)-人类健康)
1	Bis(tributyltin) oxide (TBTO) 氧化双三丁基锡 (TBTO)	200-268-0	56-35-9	PBT (Article 57d) 持久性、生物累积性、毒性物质 (Article 57d)
1	Cobalt dichloride 二氯化钴	231-589-4	7646-79-9	Carcinogenic (Article 57a) 致癌性 (Article 57a) Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
1	Diarsenic pentaoxide 五氧化二砷	215-116-9	1303-28-2	Carcinogenic (Article 57a) 致癌性 (Article 57a)
1	Diarsenic trioxide 三氧化二砷	215-481-4	1327-53-3	Carcinogenic (Article 57a) 致癌性 (Article 57a)
1	Dibutyl phthalate (DBP) 邻苯二甲酸二丁基酯 (DBP)	201-557-4	84-74-2	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c) Endocrine disrupting properties (Article 57(f) - human health) 内分泌干扰性 (Article 57(f)-人类健康)



Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
				Endocrine disrupting properties (Article 57(f) - environment) 内分泌干扰性 (Article 57(f)-环境)
1	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified 六溴环十二烷 (HBCDD) 及所有主要的非对映异构体	-	-	PBT (Article 57d) 持久性、生物累积性、毒性物质 (Article 57d)
1	Lead hydrogen arsenate 砷酸氢铅	232-064-2	7784-40-9	Carcinogenic (Article 57a) 致癌性 (Article 57a) Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
1	Sodium dichromate 重铬酸钠	234-190-3	7789-12-0 10588-01-9	Carcinogenic (Article 57a) 致癌性 (Article 57a) Mutagenic (Article 57b) 致畸性 (Article 57b) Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
1	Triethyl arsenate 三乙基砷酸酯	427-700-2	15606-95-8	Carcinogenic (Article 57a) 致癌性 (Article 57a)
2	2,4-dinitrotoluene 2,4-二硝基甲苯	204-450-0	121-14-2	Carcinogenic (Article 57a) 致癌性 (Article 57a)
2	Anthracene oil 蒽油	292-602-7	90640-80-5	Carcinogenic (Article 57a) 致癌性 (Article 57a) PBT (Article 57d) 持久性、生物累积性、毒性物质 (Article 57d)



Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
				vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
2	Anthracene oil, anthracene paste 蒽油, 蒽糊	292-603-2	90640-81-6	Carcinogenic (Article 57a) 致癌性 (Article 57a) Mutagenic (Article 57b) 致畸性 (Article 57b) PBT (Article 57d) 持久性、生物累积性、毒性物质 (Article 57d) vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
2	Anthracene oil, anthracene paste, anthracene fraction 蒽油, 蒽糊, 蒽馏分	295-275-9	91995-15-2	Carcinogenic (Article 57a) 致癌性 (Article 57a) Mutagenic (Article 57b) 致畸性 (Article 57b) PBT (Article 57d) 持久性、生物累积性、毒性物质 (Article 57d) vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
2	Anthracene oil, anthracene paste, distn. lights 蒽油, 蒽糊, 轻油	295-278-5	91995-17-4	Carcinogenic (Article 57a) 致癌性 (Article 57a) Mutagenic (Article 57b) 致畸性 (Article 57b) PBT (Article 57d) 持久性、生物累积性、毒性物质 (Article 57d)



Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
				vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
2	Anthracene oil, anthracene-low 蒽油, 含蒽量少	292-604-8	90640-82-7	Carcinogenic (Article 57a) 致癌性 (Article 57a) Mutagenic (Article 57b) 致畸性 (Article 57b) PBT (Article 57d) 持久性、生物累积性、毒性物质 (Article 57d) vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
2	Diisobutyl phthalate (DIBP) 邻苯二甲酸二异丁酯 (DIBP)	201-553-2	84-69-5	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c) Endocrine disrupting properties (Article 57(f) - human health) 内分泌干扰性 (Article 57(f)-人类健康)
2	Lead chromate 铬酸铅	231-846-0	7758-97-6	Carcinogenic (Article 57a) 致癌性 (Article 57a) Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
2	Lead chromate molybdate sulphate red (C.I. Pigment Red 104) 钼铬红 (C.I.颜料红 104)	235-759-9	12656-85-8	Carcinogenic (Article 57a) 致癌性 (Article 57a) Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
2	Lead sulfochromate yellow (C.I. Pigment Yellow 34) 铅铬黄 (C.I.颜料黄 34)	215-693-7	1344-37-2	Carcinogenic (Article 57a) 致癌性 (Article 57a)

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Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
				Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
2	Pitch, coal tar, high-temp. 高温煤焦油沥青	266-028-2	65996-93-2	Carcinogenic (Article 57a) 致癌性 (Article 57a) PBT (Article 57d) 持久性、生物累积性、毒性物质 (Article 57d) vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
2	Tris(2-chloroethyl) phosphate 磷酸三(2-氯乙基酯)	204-118-5	115-96-8	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
2	Acrylamide 丙烯酰胺	201-173-7	79-06-1	Carcinogenic (Article 57a) 致癌性 (Article 57a) Mutagenic (Article 57b) 致畸性 (Article 57b)
3	Ammonium dichromate 重铬酸铵	232-143-1	7789-09-5	Carcinogenic (Article 57a) 致癌性 (Article 57a) Mutagenic (Article 57b) 致畸性 (Article 57b) Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
3	Boric acid 硼酸	-	-	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
3	Disodium tetraborate, anhydrous	215-540-4	1303-96-4	Toxic for reproduction (Article 57c)



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	无水四硼酸钠		1330-43-4 12179-04-3	生殖毒性 (Article 57c)
3	Potassium chromate 铬酸钾	232-140-5	7789-00-6	Carcinogenic (Article 57a) 致癌性 (Article 57a) Mutagenic (Article 57b) 致畸性 (Article 57b)
3	Potassium dichromate 重铬酸钾	231-906-6	7778-50-9	Carcinogenic (Article 57a) 致癌性 (Article 57a) Mutagenic (Article 57b) 致畸性 (Article 57b) Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
3	Sodium chromate 铬酸钠	231-889-5	7775-11-3	Carcinogenic (Article 57a) 致癌性 (Article 57a) Mutagenic (Article 57b) 致畸性 (Article 57b) Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
3	Tetraboron disodium heptaoxide, hydrate 七水合四硼酸钠	235-541-3	12267-73-1	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
3	Trichloroethylene 三氯乙烯	201-167-4	79-01-6	Carcinogenic (Article 57a) 致癌性 (Article 57a)
4	2-ethoxyethanol 乙二醇单乙醚	203-804-1	110-80-5	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)

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Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
4	2-methoxyethanol 乙二醇单甲醚	203-713-7	109-86-4	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
4	Acids generated from chromium trioxide and their oligomers 由三氧化铬及其低聚物产生的酸	-	-	Carcinogenic (Article 57a) 致癌性 (Article 57a)
4	Chromium trioxide 三氧化铬	215-607-8	1333-82-0	Carcinogenic (Article 57a) 致癌性 (Article 57a) Mutagenic (Article 57b) 致畸性 (Article 57b)
4	Cobalt(II) carbonate 碳酸钴(II)	208-169-4	513-79-1	Carcinogenic (Article 57a) 致癌性 (Article 57a) Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
4	Cobalt(II) diacetate 乙酸钴	200-755-8	71-48-7	Carcinogenic (Article 57a) 致癌性 (Article 57a) Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
4	Cobalt(II) dinitrate 硝酸钴(II)	233-402-1	10141-05-6	Carcinogenic (Article 57a) 致癌性 (Article 57a) Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
4	Cobalt(II) sulphate 硫酸钴(II)	233-334-2	10124-43-3	Carcinogenic (Article 57a) 致癌性 (Article 57a) Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)



Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
5	1,2,3-trichloropropane 1,2,3-三氯丙烷	202-486-1	96-18-4	Carcinogenic (Article 57a) 致癌性 (Article 57a) Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
5	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP) 邻苯二甲酸二(C6-8 支链与直链)烷基酯, 富 C7 链 (DIHP)	276-158-1	71888-89-6	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
5	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP) 邻苯二甲酸二(C7-11 支链与直链)烷基酯 (DHNUP)	271-084-6	68515-42-4	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
5	1-Methyl-2-pyrrolidone (NMP) 1-甲基-2-吡咯烷酮 (NMP)	212-828-1	872-50-4	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
5	2-ethoxyethyl acetate 乙二醇乙醚醋酸酯	203-839-2	111-15-9	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
5	Hydrazine 肼	206-114-9	302-01-2 7803-57-8	Carcinogenic (Article 57a) 致癌性 (Article 57a)
5	Strontium chromate 铬酸锶	232-142-6	7789-06-2	Carcinogenic (Article 57a) 致癌性 (Article 57a)
6	1,2-dichloroethane 1,2-二氯乙烷	203-458-1	107-06-2	Carcinogenic (Article 57a) 致癌性 (Article 57a)
6	2,2'-dichloro-4,4'-methylenedianiline (MOCA) 4,4'-二氨基-3,3'-二氯二苯甲烷 (MOCA)	202-918-9	101-14-4	Carcinogenic (Article 57a) 致癌性 (Article 57a)
6	2-Methoxyaniline, o-Anisidine	201-963-1	90-04-0	Carcinogenic (Article 57a)



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	邻甲氧基苯胺			致癌性 (Article 57a)
6	4-(1,1,3,3-tetramethylbutyl)phenol 对特辛基苯胺	205-426-2	140-66-9	Endocrine disrupting properties (Article 57(f) - environment) 内分泌干扰性 (Article 57(f)-环境)
6	Aluminosilicate Refractory Ceramic Fibres 硅酸铝耐火陶瓷纤维	-	-	Carcinogenic (Article 57a) 致癌性 (Article 57a)
6	Arsenic acid 砷酸、原砷酸	231-901-9	7778-39-4	Carcinogenic (Article 57a) 致癌性 (Article 57a)
6	Bis(2-methoxyethyl) ether 双(2-甲氧基乙基)醚	203-924-4	111-96-6	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
6	Bis(2-methoxyethyl) phthalate 邻苯二甲酸双(2-甲氧基乙基)酯	204-212-6	117-82-8	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
6	Calcium arsenate 砷酸钙	231-904-5	7778-44-1	Carcinogenic (Article 57a) 致癌性 (Article 57a)
6	Dichromium tris(chromate) 铬酸铬	246-356-2	24613-89-6	Carcinogenic (Article 57a) 致癌性 (Article 57a)
6	Formaldehyde, oligomeric reaction products with aniline 甲醛, 与苯胺的聚合物	500-036-1	25214-70-4	Carcinogenic (Article 57a) 致癌性 (Article 57a)
6	Lead diazide, Lead azide 迭氮化铅	236-542-1	13424-46-9	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
6	Lead dipicrate 苦味酸铅	229-335-2	6477-64-1	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
6	Lead styphnate 铅酸	239-290-0	15245-44-0	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)



Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
6	N,N-dimethylacetamide N,N-二甲基乙酰胺	204-826-4	127-19-5	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
6	Pentazinc chromate octahydroxide 八氢氧化铬酸五锌	256-418-0	49663-84-5	Carcinogenic (Article 57a) 致癌性 (Article 57a)
6	Phenolphthalein 酚酞	201-004-7	77-09-8	Carcinogenic (Article 57a) 致癌性 (Article 57a)
6	Potassium hydroxyoctaoxodizincatedichromate 羟基八氧化二重铬酸钾	234-329-8	11103-86-9	Carcinogenic (Article 57a) 致癌性 (Article 57a)
6	Trilead diarsenate 砷酸三铅	222-979-5	3687-31-8	Carcinogenic (Article 57a) 致癌性 (Article 57a) Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
6	Zirconia Aluminosilicate Refractory Ceramic Fibres 氧化锆硅酸铝耐火陶瓷纤维	-	-	Carcinogenic (Article 57a) 致癌性 (Article 57a)
7	1, 2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME) 1,2-二甲氧基乙烷; 乙二醇二甲醚(EGDME)	203-794-9	110-71-4	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
7	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme) 1,2-双(2-甲氧基乙氧基)乙烷 (TEGDME; 三甘醇二甲醚)	203-977-3	112-49-2	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
7	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC) 异氰尿酸三缩水甘油酯(TGIC)	219-514-3	2451-62-9	Mutagenic (Article 57b) 致畸性 (Article 57b)



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7	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC) 替罗昔隆(β-TGIC)	423-400-0	59653-74-6	Mutagenic (Article 57b) 致畸性 (Article 57b)
7	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2) 4,4'-双(二甲氨基)-4''-(甲基氨基)三苯甲醇 含≥0.1%的米氏酮(EC号: 202-027-5)或米氏碱(EC号: 202-959-2)	209-218-2	561-41-1	Carcinogenic (Article 57a) 致癌性 (Article 57a)
7	4,4'-bis(dimethylamino)benzophenone (Michler's ketone) 4,4'-双(二甲氨基)二苯甲酮 (米氏酮)	202-027-5	90-94-8	Carcinogenic (Article 57a) 致癌性 (Article 57a)
7	[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 (EC No. 202-027-5) or Michler's base (EC No. 202-959-2) [4-[4,4'-双(二甲氨基)二苯甲基]环六-2,5-二亚甲基]二甲基氯化铵 (C.I.碱性紫 3) 含≥0.1%的米氏酮(EC号: 202-027-5)或米氏碱(EC号: 202-959-2)	208-953-6	548-62-9	Carcinogenic (Article 57a) 致癌性 (Article 57a)
7	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	219-943-6	2580-56-5	Carcinogenic (Article 57a) 致癌性 (Article 57a)



Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
	with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2) [4-[[4-苯氨基-1-萘基][4-(二甲基氨基)苯基]亚甲基]环己基-2,5-二烯-1-亚甲基]二甲基氯化铵 (C.I.碱性蓝 26) 含 $\geq 0.1\%$ 的米氏酮(EC 号: 202-027-5)或米氏碱(EC 号: 202-959-2)			
7	Diboron trioxide 三氧化二硼	215-125-8	1303-86-2	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
7	Formamide 甲酰胺	200-842-0	75-12-7	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
7	Lead(II) bis(methanesulfonate) 双(甲磺酸)铅(II)	401-750-5	17570-76-2	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
7	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base) N,N,N',N'-四甲基-4,4'-亚甲基二苯胺 (米氏碱)	202-959-2	101-61-1	Carcinogenic (Article 57a) 致癌性 (Article 57a)
7	α,α -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2) α,α -双[4-(二甲基氨基)苯基]-4(苯基氨基)萘-1-甲醇 (C.I.溶剂蓝 4) 含 $\geq 0.1\%$ 的米氏酮(EC 号: 202-027-5)或米氏碱(EC 号: 202-959-2)	229-851-8	6786-83-0	Carcinogenic (Article 57a) 致癌性 (Article 57a)
8	1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	284-032-2	84777-06-0	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)



Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
	支链和直链 1,2-苯二羧二戊酯			
8	1,2-diethoxyethane 1,2-二乙氧基乙烷	211-076-1	629-14-1	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
8	1-bromopropane (n-propyl bromide) 1-溴丙烷 (溴代正丙烷)	203-445-0	106-94-5	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
8	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine 3-乙基-2-甲基-2-(3-甲基丁基)噁唑烷	421-150-7	143860-04-2	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
8	4,4'-methylenedi-o-toluidine 4,4'-亚甲基二邻甲苯胺	212-658-8	838-88-0	Carcinogenic (Article 57a) 致癌性 (Article 57a)
8	4,4'-oxydianiline and its salts 4,4'-二氨基二苯醚及其盐类	-	-	Carcinogenic (Article 57a) 致癌性 (Article 57a) Mutagenic (Article 57b) 致畸性 (Article 57b)
8	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated covering well-defined substances and UVCB substances, polymers and homologues 4-(1,1,3,3-四甲基丁基)苯酚, 乙氧基化 包括界定明确的物质以及 UVCB 物质、聚合物和同系物	-	-	Endocrine disrupting properties (Article 57(f) - environment) 内分泌干扰性 (Article 57(f)-环境)
8	4-aminoazobenzene 对氨基偶氮苯	200-453-6	60-09-3	Carcinogenic (Article 57a) 致癌性 (Article 57a)
8	4-methyl-m-phenylenediamine (toluene-2,4-diamine) 4-甲基-间苯二胺 (2,4-二氨基甲苯)	202-453-1	95-80-7	Carcinogenic (Article 57a) 致癌性 (Article 57a)
8	4-Nonylphenol, branched and linear	-	-	Endocrine disrupting properties (Article 57(f) - environment)



Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
	4-壬基苯酚, 支链与直链			内分泌干扰性 (Article 57(f)-环境)
8	6-methoxy-m-toluidine (p-cresidine) 6-甲氧基间甲苯胺 (对甲酚)	204-419-1	120-71-8	Carcinogenic (Article 57a) 致癌性 (Article 57a)
8	[Phthalato(2-)]dioxotrilead [邻苯二甲酸(2-)]二氧三铅	273-688-5	69011-06-9	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
8	Acetic acid, lead salt, basic 碱式乙酸铅	257-175-3	51404-69-4	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
8	Biphenyl-4-ylamine 4-氨基联苯	202-177-1	92-67-1	Carcinogenic (Article 57a) 致癌性 (Article 57a)
8	Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE) 十溴联苯醚 (DecaBDE)	214-604-9	1163-19-5	PBT (Article 57d) 持久性、生物累积性、毒性物质 (Article 57d) vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
8	Cyclohexane-1,2-dicarboxylic anhydride 环己烷-1,2-二羧酸酐	-	-	Respiratory sensitising properties (Article 57(f) - human health) 内分泌干扰性 (Article 57(f)-人类健康)
8	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA) 二氮烯-1,2-二甲酰胺 (C,C'-偶氮二(甲酰胺)) (ADCA)	204-650-8	123-77-3	Respiratory sensitising properties (Article 57(f) - human health) 内分泌干扰性 (Article 57(f)-人类健康)
8	Dibutyltin dichloride (DBTC) 二丁基二氯化锡(DBTC)	211-670-0	683-18-1	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
8	Diethyl sulphate 硫酸二乙酯	200-589-6	64-67-5	Carcinogenic (Article 57a) 致癌性 (Article 57a) Mutagenic (Article 57b) 致畸性 (Article 57b)



Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
8	Diisopentyl phthalate (DIPP) 邻苯二甲酸二异戊酯(DIPP)	210-088-4	605-50-5	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
8	Dimethyl sulphate 硫酸二甲酯	201-058-1	77-78-1	Carcinogenic (Article 57a) 致癌性 (Article 57a)
8	Dinoseb (6-sec-butyl-2,4-dinitrophenol) 地乐酚 (6-仲丁基-2,4-二硝基苯酚)	201-861-7	88-85-7	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
8	Dioxobis(stearato)trilead 双(十八酸基)二氧化三铅	235-702-8	12578-12-0	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
8	Fatty acids, C16-18, lead salts C16-C18 脂肪酸铅盐	292-966-7	91031-62-8	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
8	Furan 呋喃	203-727-3	110-00-9	Carcinogenic (Article 57a) 致癌性 (Article 57a)
8	Henicosafluoroundecanoic acid 全氟十一烷酸	218-165-4	2058-94-8	vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
8	Heptacosafuorotetradecanoic acid 全氟代十四酸	206-803-4	376-06-7	vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
8	Hexahydromethylphthalic anhydride 甲基六氢邻苯二甲酸酐	-	-	Respiratory sensitising properties (Article 57(f) - human health) 内分泌干扰性 (Article 57(f)-人类健康)
8	Lead bis(tetrafluoroborate) 双(四氟硼酸)铅	237-486-0	13814-96-5	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
8	Lead cyanamidate 氨基氰铅盐	244-073-9	20837-86-9	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)



Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
8	Lead dinitrate 硝酸铅	233-245-9	10099-74-8	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
8	Lead monoxide (lead oxide) 一氧化铅 (氧化铅)	215-267-0	1317-36-8	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
8	Lead oxide sulfate 碱式硫酸铅	234-853-7	12036-76-9	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
8	Lead titanium trioxide 钛酸铅	235-038-9	12060-00-3	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
8	Lead titanium zirconium oxide 钛酸铅锆	235-727-4	12626-81-2	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
8	Methoxyacetic acid 甲氧基乙酸	210-894-6	625-45-6	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
8	Methyloxirane (Propylene oxide) 环氧丙烷	200-879-2	75-56-9	Carcinogenic (Article 57a) 致癌性 (Article 57a) Mutagenic (Article 57b) 致畸性 (Article 57b)
8	N,N-dimethylformamide N,N-二甲基甲酰胺	200-679-5	68-12-2	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
8	N-methylacetamide N-甲基乙酰胺	201-182-6	79-16-3	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
8	n-pentyl-isopentylphthalate 邻苯二甲酸正戊基异戊基酯	-	776297-69-9	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)



Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
8	o-aminoazotoluene 邻氨基偶氮甲苯	202-591-2	97-56-3	Carcinogenic (Article 57a) 致癌性 (Article 57a)
8	o-toluidine 邻甲基苯胺	202-429-0	95-53-4	Carcinogenic (Article 57a) 致癌性 (Article 57a)
8	Orange lead (lead tetroxide) 铅橙 (四氧化铅)	215-235-6	1314-41-6	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
8	Pentacosfluorotridecanoic acid 全氟十三酸	276-745-2	72629-94-8	vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
8	Pentalead tetraoxide sulphate 五氧化二硫酸钠	235-067-7	12065-90-6	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
8	Pyrochlore, antimony lead yellow 烧绿石、锑铅黄	232-382-1	8012-00-8	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
8	Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped (with lead (Pb) content above the applicable generic concentration limit for ' toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD),the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008) 掺杂铅的硅酸钡 (铅含量超出 CLP 指令表述的生殖毒性(Article 57c)1A、 DSD 指令生殖毒性(Article 57c)1 类的通用限制浓度限值: ((EC)No 1272/2008 下指引号为 082-001-00-6 的一组含铅化合物)	272-271-5	68784-75-8	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
8	Silicic acid, lead salt	234-363-3	11120-22-2	Toxic for reproduction (Article 57c)



Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
	硅酸铅			生殖毒性 (Article 57c)
8	Sulfurous acid, lead salt, dibasic 氧化铅与硫化铅的复合物	263-467-1	62229-08-7	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
8	Tetraethyllead 四乙基铅	201-075-4	78-00-2	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
8	Tetralead trioxide sulphate 三碱式硫酸铅	235-380-9	12202-17-4	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
8	Tricosafluorododecanoic acid 全氟十二烷酸	206-203-2	307-55-1	vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
8	Trilead bis(carbonate) dihydroxide 碱式碳酸铅	215-290-6	1319-46-6	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
8	Trilead dioxide phosphonate 二盐式亚磷酸铅	235-252-2	12141-20-7	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
9	4-Nonylphenol, branched and linear, ethoxylated 壬基酚聚氧乙烯醚, 支链与直链	-	-	Endocrine disrupting properties (Article 57(f) - environment) 内分泌干扰性 (Article 57(f)-环境)
9	Ammonium pentadecafluorooctanoate (APFO) 全氟辛酸铵 (APFO)	223-320-4	3825-26-1	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c) PBT (Article 57d) 持久性、生物累积性、毒性物质 (Article 57d)
9	Cadmium 镉	231-152-8	7440-43-9	Carcinogenic (Article 57a) 致癌性 (Article 57a) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)



Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
				重复暴露后的特定靶器官毒性 (Article 57(f)-人类健康)
9	Cadmium oxide 氧化镉	215-146-2	1306-19-0	Carcinogenic (Article 57a) 致癌性 (Article 57a) Specific target organ toxicity after repeated exposure (Article 57(f) - human health) 重复暴露后的特定靶器官毒性 (Article 57(f)-人类健康)
9	Dipentyl phthalate (DPP) 邻苯二甲酸二戊酯 (DPP)	205-017-9	131-18-0	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
9	Pentadecafluorooctanoic acid (PFOA) 全氟辛酸 (PFOA)	206-397-9	335-67-1	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c) PBT (Article 57d) 持久性、生物累积性、毒性物质 (Article 57d)
10	Cadmium sulphide 硫化镉	215-147-8	1306-23-6	Carcinogenic (Article 57a) 致癌性 (Article 57a) Specific target organ toxicity after repeated exposure (Article 57(f) - human health) 重复暴露后的特定靶器官毒性 (Article 57(f)-人类健康)
10	Diethyl phthalate 邻苯二甲酸二乙酯	201-559-5	84-75-3	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
10	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28) 3,3'-[[1,1'-联苯]-4,4'-二基双(偶氮)]双(4-氨基萘-1-磺酸)二钠 (C.I. 直接红 28)	209-358-4	573-58-0	Carcinogenic (Article 57a) 致癌性 (Article 57a)



Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
10	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) 4-氨基-3-[[4'-[(2,4-二氨基苯基)偶氮][1,1'-联苯]-4-基]偶氮]-5-羟基-6-(苯基偶氮)萘-2 二钠,7-二磺酸盐 (C.I.直接黑 38)	217-710-3	1937-37-7	Carcinogenic (Article 57a) 致癌性 (Article 57a)
10	Imidazolidine-2-thione (2-imidazoline-2-thiol) 咪唑啉-2-硫酮	202-506-9	96-45-7	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
10	Lead di(acetate) 醋酸铅	206-104-4	301-04-2	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
10	Trixylyl phosphate 磷酸三甲苯酯	246-677-8	25155-23-1	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
11	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear 邻苯二甲酸二(支链与直链)己酯	271-093-5	68515-50-4	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
11	Cadmium chloride 氯化镉	233-296-7	10108-64-2	Carcinogenic (Article 57a) 致癌性 (Article 57a) Mutagenic (Article 57b) 致畸性 (Article 57b) Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c) Specific target organ toxicity after repeated exposure (Article 57(f) - human health) 重复暴露后的特定靶器官毒性 (Article 57(f)-人类健康)
11	Sodium perborate, perboric acid, sodium salt	-	-	Toxic for reproduction (Article 57c)

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Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
	过硼酸钠, 高硼酸钠			生殖毒性 (Article 57c)
11	Sodium peroxometaborate 过硼酸钠	231-556-4	7632-04-4	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
12	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) 2-(2H-苯并三唑-2-基)-4,6-二叔戊基苯酚 (UV-328)	247-384-8	25973-55-1	PBT (Article 57d) 持久性、生物累积性、毒性物质 (Article 57d) vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
12	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) 2-苯并三唑-2-基-4,6-二叔丁基苯酚 (UV-320)	223-346-6	3846-71-7	PBT (Article 57d) 持久性、生物累积性、毒性物质 (Article 57d) vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
12	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) 硫代甘醇酸异辛酯二正辛基锡 (DOTE)	239-622-4	15571-58-1	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
12	Cadmium fluoride 氟化镉	232-222-0	7790-79-6	Carcinogenic (Article 57a) 致癌性 (Article 57a) Mutagenic (Article 57b) 致畸性 (Article 57b) Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c) Specific target organ toxicity after repeated exposure (Article 57(f) - human health) 重复暴露后的特定靶器官毒性 (Article 57(f)-人类健康)
12	Cadmium sulphate	233-331-6	10124-36-4	Carcinogenic (Article 57a)

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Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
	硫酸镉		31119-53-6	致癌性 (Article 57a) Mutagenic (Article 57b) 致畸性 (Article 57b) Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c) Specific target organ toxicity after repeated exposure (Article 57(f) - human health) 重复暴露后的特定靶器官毒性 (Article 57(f)-人类健康)
12	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) 硫代甘醇酸异辛酯二正辛基锡(DOTE)和三(2-乙基乙基巯基乙酸)辛锡(MOTE)反应产物	-	-	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
13	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate (EC No. 201-559-5) 邻苯二甲酸二(C6-C10)烷基酯或与(癸基,己基,辛基)酯的复合物 含 $\geq 0.3\%$ 的邻苯二甲酸二己酯(EC 号 201-559-5)	-	-	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
13	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]	-	-	vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)



Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
	covering any of the individual stereoisomers of [1] and [2] or any combination thereof 5-仲丁基-2-(2,4-二甲基环己-3-烯-1-基)-5-甲基-1,3-二恶烷 ^[1] 5-仲丁基-2-(4,6-二甲基环己-3-烯-1-基)-5-甲基-1,3-二恶烷 ^[2] 包括这两个物质的同分异构体和任意组合			
14	1,3-propanesultone 1,3-丙烷磺内酯	214-317-9	1120-71-4	Carcinogenic (Article 57a) 致癌性 (Article 57a)
14	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) 2,4-二叔丁基-6-(5-氯苯并三唑-2-基)苯酚 (UV-327)	223-383-8	3864-99-1	vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
14	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350) 2-(2H-苯并三唑-2-基)-4-(叔丁基)-6-(仲丁基)苯酚 (UV-350)	253-037-1	36437-37-3	vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
14	Nitrobenzene 硝基苯	202-716-0	98-95-3	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
14	Perfluorononan-1-oic-acid and its sodium and ammonium salts 全氟壬酸及其钠盐和铵盐	-	-	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c) PBT (Article 57d) 持久性、生物累积性、毒性物质 (Article 57d)
15	Benzo[def]chrysene (Benzo[a]pyrene) 苯并[a]芘	200-028-5	50-32-8	Carcinogenic (Article 57a) 致癌性 (Article 57a) Mutagenic (Article 57b) 致畸性 (Article 57b) Toxic for reproduction (Article 57c)

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Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
				生殖毒性 (Article 57c) PBT (Article 57d) 持久性、生物累积性、毒性物质 (Article 57d) vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
16	4,4'-isopropylidenediphenol 4,4'-异亚丙基二苯酚 (双酚 A, BPA)	201-245-8	80-05-7	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c) Endocrine disrupting properties (Article 57(f) - environment) 内分泌干扰性 (Article 57(f)-环境) Endocrine disrupting properties (Article 57(f) - human health) 内分泌干扰性 (Article 57(f)-人类健康)
16	4-heptylphenol, branched and linear 4-庚基苯酚, 支链和直链	-	-	Endocrine disrupting properties (Article 57(f) - environment) 内分泌干扰性 (Article 57(f)-环境)
16	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts 全氟癸酸 (PFDA) 及其钠盐和铵盐	-	-	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c) PBT (Article 57d) 持久性、生物累积性、毒性物质 (Article 57d)
16	p-(1,1-dimethylpropyl)phenol 对-(1,1-二甲基丙基)苯酚	201-280-9	80-46-6	Endocrine disrupting properties (Article 57(f) - environment) 内分泌干扰性 (Article 57(f)-环境)
17	Perfluorohexane-1-sulphonic acid and its salts (PFHxS) 全氟己基磺酸及其盐类 (PFHxS)	-	-	vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
18	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" TM)	-	-	vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)



Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
	covering any of its individual anti- and syn-isomers or any combination thereof 1,6,7,8,9,14,15,16,17,17,18,18- 十 二 氯 五 环 [12.2.1.16,9.02,13.05,10]十八-7,15-二烯 (德克隆) 包括所有反式和顺式异构体及其组合			
18	Benz[a]anthracene 苯并[a]蒽	200-280-6	56-55-3	Carcinogenic (Article 57a) 致癌性 (Article 57a) PBT (Article 57d) 持久性、生物累积性、毒性物质 (Article 57d) vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
18	Cadmium carbonate 碳酸镉	208-168-9	513-78-0	Carcinogenic (Article 57a) 致癌性 (Article 57a) Mutagenic (Article 57b)) 致畸性 (Article 57b) Specific target organ toxicity after repeated exposure (Article 57(f) - human health) 重复暴露后的特定靶器官毒性 (Article 57(f)-人类健康)
18	Cadmium hydroxide 氢氧化镉	244-168-5	21041-95-2	Carcinogenic (Article 57a) 致癌性 (Article 57a) Mutagenic (Article 57b) 致畸性 (Article 57b) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)



Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
				重复暴露后的特定靶器官毒性 (Article 57(f)-人类健康)
18	Cadmium nitrate 硝酸镉	233-710-6	10325-94-7	Carcinogenic (Article 57a) 致癌性 (Article 57a) Mutagenic (Article 57b) 致畸性 (Article 57b) Specific target organ toxicity after repeated exposure (Article 57(f) - human health) 重复暴露后的特定靶器官毒性 (Article 57(f)-人类健康)
18	Chrysene 屈	205-923-4	218-01-9	Carcinogenic (Article 57a) 致癌性 (Article 57a) PBT (Article 57d) 持久性、生物累积性、毒性物质 (Article 57d) vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
18	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) with $\geq 0.1\%$ w/w 4-heptylphenol, branched and linear (4-HPbl) 1,3,4-噻二唑烷-2,5-二硫酮, 甲醛和 4-庚基苯酚的支链和直链(RP-HP)的反应产物 含 $\geq 0.1\%$ 的 4-庚基苯酚, 支链和直链	-	-	Endocrine disrupting properties (Article 57(f) - environment) 内分泌干扰性 (Article 57(f)-环境)
19	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride(TMA) 苯-1,2,4-三羧酸 1,2 酸酐 (偏苯三酸酐, TMA)	209-008-0	552-30-7	Respiratory sensitising properties (Article 57(f) - human health) 内分泌干扰性 (Article 57(f)-人类健康)



Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
19	Benzo[ghi]perylene 苯并(G,H,I)芘	205-883-8	191-24-2	PBT (Article 57d) 持久性、生物累积性、毒性物质 (Article 57d) vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
19	Decamethylcyclopentasiloxane (D5) 十甲基环戊硅氧烷 (D5)	208-764-9	541-02-6	PBT (Article 57d) 持久性、生物累积性、毒性物质 (Article 57d) vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
19	Dicyclohexyl phthalate(DCHP) 邻苯二甲酸二环己酯 (DCHP)	201-545-9	84-61-7	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c) Endocrine disrupting properties (Article 57(f) - human health) 内分泌干扰性 (Article 57(f)-人类健康)
19	Disodium octaborate 四水八硼酸二钠	234-541-0	12008-41-2	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
19	Dodecamethylcyclohexasiloxane(D6) 十二甲基环己硅氧烷 (D6)	208-762-8	540-97-6	PBT (Article 57d) 持久性、生物累积性、毒性物质 (Article 57d) vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
19	Ethylenediamine (EDA) 乙(撑)二胺 (EDA)	203-468-6	107-15-3	Respiratory sensitising properties (Article 57(f) - human health) 呼吸致敏特性 (Article 57(f)-人类健康)
19	Lead 铅	231-100-4	7439-92-1	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
19	Octamethylcyclotetrasiloxane (D4)	209-136-7	556-67-2	PBT (Article 57d)



Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
	八甲基环四硅氧烷 (D4)			持久性、生物累积性、毒性物质 (Article 57d) vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
19	Terphenyl, hydrogenated 氢化三联苯	262-967-7	61788-32-7	vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
20	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one 1,7,7-三甲基-3-(苯基亚甲基)双环[2.2.1]庚烷-2-酮	239-139-9	15087-24-8	Endocrine disrupting properties (Article 57(f) - environment) 内分泌干扰性 (Article 57(f)-环境)
20	2,2-bis(4'-hydroxyphenyl)-4-methylpentane 2,2-双(4-羟基苯基)-4-甲基戊烷	401-720-1	6807-17-6	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
20	Benzo[k]fluoranthene 苯并[k]荧蒽	205-916-6	207-08-9	Carcinogenic (Article 57a) 致癌性 (Article 57a) PBT (Article 57d) 持久性、生物累积性、毒性物质 (Article 57d) vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
20	Fluoranthene 荧蒽	205-912-4	206-44-0	PBT (Article 57d) 持久性、生物累积性、毒性物质 (Article 57d) vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
20	Phenanthrene 菲	201-581-5	85-01-8	vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
20	Pyrene	204-927-3	129-00-0	PBT (Article 57d)



Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
	芘			持久性、生物累积性、毒性物质 (Article 57d) vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
21	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides covering any of their individual isomers and combinations thereof 2,3,3,3-四氟-2-(七氟丙氧基)丙酸, 及其盐类和酰卤 包括它们各自的同分异构体及其组合	-	-	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health) 可能对人类健康造成严重影响而引起同等水平关注 (Article 57f-人类健康) Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment) 可能对环境造成严重影响而引起同等水平关注 (Article 57f-环境)
21	2-methoxyethyl acetate 2-甲氧基乙酸乙酯	203-772-9	110-49-6	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
21	4-tert-butylphenol 4-叔丁基苯酚	202-679-0	98-54-4	Endocrine disrupting properties (Article 57(f) - environment) 内分泌干扰性 (Article 57(f)-环境)
21	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) 三(4-壬基酚, 支链和直链)亚磷酸酯 (TNPP)	-	-	Endocrine disrupting properties (Article 57(f) - environment) 内分泌干扰性 (Article 57(f)-环境)
22	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone 2-苄基-2-二甲氨基-4'-吗啉基苯基丁酮	404-360-3	119313-12-1	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
22	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one 2-甲基-1-(4-甲硫基苯基)-2-吗啉基丙基-1-酮	400-600-6	71868-10-5	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
22	Diisohexyl phthalate 邻苯二甲酸二异己酯	276-090-2	71850-09-4	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)



Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
22	Perfluorobutane sulfonic acid (PFBS) and its salts 全氟丁烷磺酸 (PFBS) 及其盐	-	-	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health) 可能对人类健康造成严重影响而引起同等水平关注 (Article 57f-人类健康) Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment) 可能对环境造成严重影响而引起同等水平关注 (Article 57f-环境)
23	1-vinylimidazole 1-乙烯基咪唑	214-012-0	1072-63-5	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
23	2-methylimidazole 2-甲基咪唑	211-765-7	693-98-1	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
23	Butyl 4-hydroxybenzoate 4-羟基苯甲酸丁酯	202-318-7	94-26-8	Endocrine disrupting properties (Article 57(f) - human health) 内分泌干扰性 (Article 57(f)-人类健康)
23	Dibutylbis(pentane-2,4-dionato-O,O')tin 二丁基双(2,4-戊二酸根合-O,O')锡	245-152-0	22673-19-4	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
24	Bis(2-(2-methoxyethoxy)ethyl)ether 双(2-(2-甲氧基乙氧基)乙基)醚	205-594-7	143-24-8	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
24	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 二月桂酸二辛基锡; 锡烷, 二辛基-, 双(椰油酰氧基)衍生物; 以及任何其他锡烷, 二辛基-, 双(脂肪酰氧基)的衍生物, 其中 C12 是脂肪酰氧基部分的主要碳原子数	-	-	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)



Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
25	1,4-dioxane 1,4-二恶烷	204-661-8	123-91-1	Carcinogenic (Article 57a) 致癌性 (Article 57a) Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health) 可能对人类健康造成严重影响而引起同等水平关注 (Article 57f-人类健康) Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment) 可能对环境造成严重影响而引起同等水平关注 (Article 57f-环境)
25	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) 2,2-双(溴甲基)丙烷-1,3-二醇 (BMP); 2,2-二甲基丙烷-1-醇, 三溴衍生物/ 3-溴-2,2-双(溴甲基)-1-丙醇 (TBNPA); 2,3-二溴-1-丙醇 (2,3-DBPA)	-	-	Carcinogenic (Article 57a) 致癌性 (Article 57a)
25	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers 2-(4-叔丁基苄基)丙醛及其单独的立体异构体	-	-	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
25	4,4'-(1-methylpropylidene)bisphenol 4,4'-(1-甲基亚丙基)双酚	201-025-1	77-40-7	Endocrine disrupting properties (Article 57(f) - environment) 内分泌干扰性 (Article 57(f)-环境) Endocrine disrupting properties (Article 57(f) - human health) 内分泌干扰性 (Article 57(f)-人类健康)
25	Glutaral	203-856-5	111-30-8	Respiratory sensitising properties (Article 57(f) - human health)

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Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
	戊二醛			呼吸致敏特性 (Article 57(f)-人类健康)
25	Medium-chain chlorinated paraffins (MCCP) UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17 中链氯化石蜡(MCCP) 由大于或等于 80%的碳链长度在 C14 至 C17 范围内的直链氯代烷烃组成的 UVCB 物质	-	-	PBT (Article 57d) 持久性、生物累积性、毒性物质 (Article 57d) vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
25	orthoboric acid, sodium salt 原硼酸, 钠盐	-	-	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
25	Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP) 来自低聚反应的具有 C12 富集的支链或直链烷基链的苯酚烷基化产物 (主要在对位), 涵盖任何单独的异构体和/或其组合 (PDDP)	-	-	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c) Endocrine disrupting properties (Article 57(f) - environment) 内分泌干扰性 (Article 57(f)-环境) Endocrine disrupting properties (Article 57(f) - human health) 内分泌干扰性 (Article 57(f)-人类健康)
26	(±)-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) (±)-1,7,7-三甲基-3-[(4-甲基苯基)亚甲基]双环[2.2.1]庚烷-2-酮, 包括各异构体和/或组合 (4-MBC)	-	-	Endocrine disrupting properties (Article 57(f) - human health) 内分泌干扰性 (Article 57(f)-人类健康)
26	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol 6,6'-二叔丁基-2,2'-亚甲基二-对甲酚	204-327-1	119-47-1	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)



Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
26	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 S-(三环[5.2.1.02,6]癸-3-烯-8(或 9)-基) O-(异丙基或异丁基或 2-乙基己基) O-(异丙基或异丁基或 2-乙基己基)二硫代磷酸酯	401-850-9	255881-94-8	PBT (Article 57d) 持久性、生物累积性、毒性物质 (Article 57d)
26	tris(2-methoxyethoxy)vinylsilane 三(2-甲氧基乙氧基)乙烯基硅烷	213-934-0	1067-53-4	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
27	N-(hydroxymethyl)acrylamide N-(羟甲基)丙烯酰胺	213-103-2	924-42-5	Carcinogenic (Article 57a) 致癌性 (Article 57a) Mutagenic (Article 57b) 致畸性 (Article 57b)
28	1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene] 1,2-双(2,4,6-三溴苯氧基)乙烷	253-692-3	37853-59-1	vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
28	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol 四溴双酚 A	201-236-9	79-94-7	Carcinogenic (Article 57a) 致癌性 (Article 57a)
28	4,4'-sulphonyldiphenol 双酚 S	201-250-5	80-09-1	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c) Endocrine disrupting properties (Article 57(f) - environment) 内分泌干扰性 (Article 57(f)-环境) Endocrine disrupting properties (Article 57(f) - human health) 内分泌干扰性 (Article 57(f)-人类健康)
28	Barium diboron tetraoxide 偏硼酸钡	237-222-4	13701-59-2	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)



Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
28	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof 四溴邻苯二甲酸双(2-乙基己基)酯, 涵盖任何单独的异构体和/或其组合	-	-	vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
28	Isobutyl 4-hydroxybenzoate 尼泊金异丁酯	224-208-8	4247-02-3	Endocrine disrupting properties (Article 57(f) - human health) 内分泌干扰性 (Article 57(f)-人类健康)
28	Melamine 三聚氰胺	203-615-4	108-78-1	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health) 可能对人类健康造成严重影响而引起同等水平关注 (Article 57f-人类健康) Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment) 可能对环境造成严重影响而引起同等水平关注 (Article 57f-环境)
28	Perfluoroheptanoic acid and its salts 全氟庚酸及其盐类	-	-	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c) PBT (Article 57d) 持久性、生物累积性、毒性物质 (Article 57d) vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e) Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health) 可能对人类健康造成严重影响而引起同等水平关注 (Article 57f-人类健康)



Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
				Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment) 可能对环境造成严重影响而引起同等水平关注 (Article 57f-环境)
28	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 2,2,3,3,5,5,6,6-八氟-4-(1,1,1,2,3,3,3-七氟丙 2-基)吗啉和 2,2,3,3,5,5,6,6-八氟-4-(七氟丙基)吗啉的反应物料	473-390-7	-	vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
29	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide (2,4,6-三甲基苯甲酰基)二苯基氧化膦	278-355-8	75980-60-8	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
29	bis(4-chlorophenyl) sulphone 4,4'-二氯二苯砜	201-247-9	80-07-9	vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
30	2,4,6-tri-tert-butylphenol 2,4,6-三叔丁基苯酚	211-989-5	732-26-3	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c) PBT (Article 57d) 持久性、生物累积性、毒性物质 (Article 57d)
30	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol 2-(2'-羟基-5'-特辛基苯基)苯并三唑 (紫外线吸收剂 UV-329)	221-573-5	3147-75-9	vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
30	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one 2-(二甲氨基)-2-[(4-甲基苯基)甲基]-1-[4-(吗啉-4-基)苯基]丁-1-酮 (光引发剂 379)	438-340-0	119344-86-4	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
30	Bumetrizole	223-445-4	3896-11-5	vPvB (Article 57e)



Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
	布美三唑 (紫外线吸收剂 UV-326)			高持久性、生物累积性物质 (Article 57e)
30	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol 2-苯基丙烯与苯酚的低聚和烷基化反应产物	700-960-7	-	vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
31	Bis(α,α-dimethylbenzyl) peroxide 过氧化二异丙苯	201-279-3	80-43-3	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
32	Triphenyl Phosphate 磷酸三苯酯	204-112-2	115-86-6	Endocrine disrupting properties (Article 57(f) - environment) 内分泌干扰性 (Article 57(f)-环境)
33	6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid 6-[(C10-C13)-烷基-(支链, 不饱和)2,5-二氧吡咯烷-1-基]己酸	701-118-1	2156592-54-8	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
33	O,O,O-triphenyl phosphorothioate 硫代磷酸(O,O,O-三苯基)酯	209-909-9	597-82-0	PBT (Article 57d) 持久性、生物累积性、毒性物质 (Article 57d)
33	Octamethyltrisiloxane 八甲基三硅氧烷	203-497-4	107-51-7	vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
33	Perfluamine 全氟三丙胺	206-420-2	338-83-0	vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
33	Reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives 三苯基硫代磷酸与叔丁基苯衍生物的反应产物	421-820-9	192268-65-8	PBT (Article 57d) 持久性、生物累积性、毒性物质 (Article 57d)