

# REACH Candidate List of Substances of Very High Concern for Authorisation

## 欧盟 REACH 法规 SVHC 清单

(As of January, 2024, a total of 240 items in 30 batches)

(截止到 2024.1, 共 30 批 240 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 <sub>10</sub> -C <sub>13</sub> ) (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)

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)



Batch 批次	Substance name 物质名称	EC No. EC号	CAS No. CAS号	Reason for inclusion 加入原因
	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)

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)

Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
	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)

Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
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	$\alpha,\alpha$ -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) $\alpha,\alpha$ -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	Henicosafuoroundecanoic 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	Pentacosafluorotridecanoic 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 <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), 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	Tricosafuorododecanoic 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	Dihexyl phthalate 邻苯二甲酸二己酯	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-2,7-二磺酸盐 (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)

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)

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 ≥ 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≥ 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 <sup>[1]</sup> , 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane <sup>[2]</sup>	-	-	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 <sup>[1]</sup> 5-仲丁基-2-(4,6-二甲基环己-3-烯-1-基)-5-甲基-1,3-二恶烷 <sup>[2]</sup> 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)

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"™)	-	-	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 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
	莠			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) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP) 三(4-壬基酚, 支链和直链)亚磷酸酯 (TNPP), 含有 $\geq 0.1\%$ w / w 的 4-壬基酚, 支链和直链 (4-NP)	-	-	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)

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	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)
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	-	-	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
	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			
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)



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) - human health) 内分泌干扰性 (Article 57(f)-人类健康)
25	Glutaral 戊二醛	203-856-5	111-30-8	Respiratory sensitising properties (Article 57(f) - human health) 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)	-	-	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
	(±)-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)			
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)
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)

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) - 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)
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)

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 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	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	(2,4,6-三甲基苯甲酰基)二苯基氧化膦 Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	278-355-8	75980-60-8	Toxic for reproduction (Article 57c) 生殖毒性 (Article 57c)
29	4,4'-二氯二苯砜 bis(4-chlorophenyl) sulphone	201-247-9	80-07-9	vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
30	2,4,6-三叔丁基苯酚 2,4,6-tri-tert-butylphenol	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-(2'-羟基-5'-特辛基苯基)苯并三唑 (紫外线吸收剂 UV-329) 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol	221-573-5	3147-75-9	vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
30	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)

Batch 批次	Substance name 物质名称	EC No. EC 号	CAS No. CAS 号	Reason for inclusion 加入原因
	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one			
30	布美三唑 (紫外线吸收剂 UV-326) Bumetrizole	223-445-4	3896-11-5	vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)
30	2-苯基丙烯与苯酚的低聚和烷基化反应产物 Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	700-960-7	-	vPvB (Article 57e) 高持久性、生物累积性物质 (Article 57e)