



## Guarantee Letter of REACH Compliance

Dear Customers,

Thank you for your continuous support to NJSM! Through the mutual efforts made by NJSM's customer, NJSM's supplier and NJSM in meeting the requirements of REACH Laws and regulations.

Concentrations of 249 SVHC substances are all less than 0.1%(w/w) in the modules and packing materials.

According to the analytical results, concentration of Lead is greater than 0.1% (w/w) in the submitted.

Please refer to the following table 1:

	Substance name	物质名称	CAS No.	EC No.	Limit
1	4,4'- Diaminodiphenylmethane (MDA)	4,4'-二氨基二苯基甲烷	101-77-9	202-974-4	<0.1%
2	5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)	二甲苯麝香	81-15-2	201-329-4	<0.1%
3	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	短链氯化石蜡 (SCCPs, C10-13)	85535-84-8	287-476-5	<0.1%
4	Anthracene	蒽	120-12-7	204-371-1	<0.1%
5	Benzyl butyl phthalate (BBP)	邻苯二甲酸丁基苄酯 (BBP)	85-68-7	201-622-7	<0.1%
6	Bis (2-ethylhexyl)phthalate (DEHP)	邻苯二甲酸二(2-乙基己基)酯	117-81-7	204-211-0	<0.1%
7	Bis(tributyltin) oxide (TBTO)	三丁基氧化锡 (TBTO)	56-35-9	200-268-0	<0.1%
8	Cobalt dichloride	二氯化钴	7646-79-9	231-589-4	<0.1%
9	Diarsenic pentaoxide	五氧化二砷	1303-28-2	215-116-9	<0.1%
10	Diarsenic trioxide	三氧化二砷	1327-53-3	215-481-4	<0.1%
11	Dibutyl phthalate (DBP)	邻苯二甲酸二丁酯 (DBP)	84-74-2	201-557-4	<0.1%
12	Hexabromocyclododecane (HBCDD)	六溴环十二烷 (HBCDD)	-	-	<0.1%
	gamma-hexabromocyclododecane		134237-52-8	-	<0.1%
	beta-hexabromocyclododecane		134237-51-7	-	<0.1%
	Hexabromocyclododecane		25637-99-4	247-148-4	<0.1%
	1,2,5,6,9,10-hexabromocyclodecane		3194-55-6	221-695-9	<0.1%



	alpha-hexabromocyclododecane		134237-50-6	-	< 0.1%
13	Lead hydrogen arsenate	砷酸氢铅	7784-40-9	232-064-2	< 0.1%
14	Sodium dichromate	重铬酸钠	10588-01-9, 7789-12-0	234-190-3	< 0.1%
15	Triethyl arsenate	三乙基砷酸酯	15606-95-8	427-700-2	< 0.1%
16	2,4-dinitrotoluene	2,4-二硝基甲苯	121-14-2	204-450-0	< 0.1%
17	Anthracene oil	蒽油	90640-80-5	292-602-7	< 0.1%
18	Anthracene oil, anthracene paste	蒽油, 蒽糊	90640-81-6	292-603-2	< 0.1%
19	Anthracene oil, anthracene paste, anthracene fraction	蒽油, 蒽糊, 蒽馏分	91995-15-2	295-275-9	< 0.1%
20	Anthracene oil, anthracene paste, distn. lights	蒽油, 蒽糊, 轻油	91995-17-4	295-278-5	< 0.1%
21	Anthracene oil, anthracene-low	蒽油, 含蒽量少	90640-82-7	292-604-8	< 0.1%
22	Diisobutyl phthalate	邻苯二甲酸二异丁酯 (DIBP)	84-69-5	201-553-2	< 0.1%
23	Lead chromate	铬酸铅	7758-97-6	231-846-0	< 0.1%
24	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	钼铬红 (C.I.颜料红 104)	12656-85-8	235-759-9	< 0.1%
25	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	铅铬黄 (C.I.颜料黄 34)	1344-37-2	215-693-7	< 0.1%
26	Pitch, coal tar, high-temp.	煤焦油沥青, 高温	65996-93-2	266-028-2	< 0.1%
27	Tris(2-chloroethyl) phosphate	磷酸三(2-氯乙基)酯(TCEP)	115-96-8	204-118-5	< 0.1%
28	Acrylamide	丙烯酰胺	79-06-1	201-173-7	< 0.1%
29	Ammonium dichromate	重铬酸铵	7789-09-5	232-143-1	< 0.1%
30	Boric acid	硼酸	-	-	< 0.1%
	Boric acid, crude natural		11113-50-1	234-343-4	< 0.1%
	Boric acid		10043-35-3	233-139-2	< 0.1%
31	Disodium tetraborate, anhydrous	四硼酸钠, 无水	12179-04-3, 1303-96-4, 1330-43-4	215-540-4	< 0.1%



32	Potassium chromate	铬酸钾	7789-00-6	232-140-5	<0.1%
33	Potassium dichromate	重铬酸钾	7778-50-9	231-906-6	<0.1%
34	Sodium chromate	铬酸钠	7775-11-3	231-889-5	<0.1%
35	Tetraboron disodium heptaoxide, hydrate	四硼酸钠, 水合物	12267-73-1	235-541-3	<0.1%
36	Trichloroethylene	三氯乙烯	79-01-6	201-167-4	<0.1%
37	2-ethoxyethanol	乙二醇单乙醚	110-80-5	203-804-1	<0.1%
38	2-methoxyethanol	乙二醇单甲醚	109-86-4	203-713-7	<0.1%
39	Acids generated from chromium trioxide and their oligomers	从三氧化铬产生的酸类以及它们的齐聚物: 铬酸、重铬酸、铬酸和重铬酸的齐聚物	-	-	<0.1%
	Oligomers of chromic acid and dichromic acid		-	-	<0.1%
	Chromic acid		13530-68-2	231-801-5	<0.1%
	Dichromic acid		7738-94-5	236-881-5	<0.1%
40	Chromium trioxide	三氧化铬	1333-82-0	215-607-8	<0.1%
41	Cobalt(II) carbonate	碳酸钴	513-79-1	208-169-4	<0.1%
42	Cobalt(II) diacetate	醋酸钴	71-48-7	200-755-8	<0.1%
43	Cobalt(II) dinitrate	硝酸钴	10141-05-6	233-402-1	<0.1%
44	Cobalt(II) sulphate	硫酸钴	10124-43-3	233-334-2	<0.1%
45	1,2,3-trichloropropane	1, 2, 3-三氯丙烷	96-18-4	202-486-1	<0.1%
46	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	邻苯二甲酸二C6-8支链烷基酯(C7富集)(DIHP)	71888-89-6	276-158-1	<0.1%
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	1,2-苯二酸--二(C7-11支链与直链)烷基醇酯(DHNUP)	68515-42-4	271-084-6	<0.1%
48	1-Methyl-2-pyrrolidone (NMP)	N-甲基吡咯烷酮	872-50-4	212-828-1	<0.1%
49	2-ethoxyethyl acetate	乙二醇乙醚乙酸酯	111-15-9	203-839-2	<0.1%



50	Hydrazine	水合肼	302-01-2, 7803-57-8	206- 114-9	< 0.1%
51	Strontium chromate	铬酸锶	7789-06-2	232- 142-6	< 0.1%
52	1,2-dichloroethane	1,2-二氯乙烷	107-06-2	203- 458-1	< 0.1%
53	2,2'-dichloro-4,4'-methylenedianiline	4,4'-亚甲基双 (2-氯苯胺) (MOCA)	101-14-4	202- 918-9	< 0.1%
54	2-Methoxyaniline, o-Anisidine	2-甲氧基苯胺 (邻甲氧基苯 胺)	90-04-0	201- 963-1	< 0.1%
55	4-(1,1,3,3-tetramethylbutyl)phenol	4-(1,1,3,3-四甲基 丁基)苯酚 (别 名: 对特辛基苯 酚)	140-66-9	205- 426-2	< 0.1%
56	Aluminosilicate Refractory Ceramic Fibres	硅酸铝耐火陶瓷 纤维	-	-	< 0.1%
57	Arsenic acid	砷酸	7778-39-4	231- 901-9	< 0.1%
58	Bis(2-methoxyethyl) ether	双(2-甲氧基乙基) 醚 (别名: 二乙 二醇二甲醚)	111-96-6	203- 924-4	< 0.1%
59	Bis(2-methoxyethyl) phthalate	邻苯二甲酸二甲 氧基乙酯 (DMEP)	117-82-8	204- 212-6	< 0.1%
60	Calcium arsenate	砷酸钙	7778-44-1	231- 904-5	< 0.1%
61	Dichromium tris(chromate)	铬酸铬	24613-89-6	246- 356-2	< 0.1%
62	Formaldehyde, oligomeric reaction products with aniline	甲醛苯胺共聚物	25214-70-4	500- 036-1	< 0.1%
63	Lead diazide, Lead azide	叠氮化铅	13424-46-9	236- 542-1	< 0.1%
64	Lead dipicrate	苦味酸铅	6477-64-1	229- 335-2	< 0.1%
65	Lead styphnate	2,4,6-三硝基间苯 二酚铅 (别名: 收敛酸铅)	15245-44-0	239- 290-0	< 0.1%
66	N,N-dimethylacetamide	N,N-二甲基乙酰 胺 (DMAC)	127-19-5	204- 826-4	< 0.1%
67	Pentazinc chromate octahydroxide	氢氧化铬酸锌	49663-84-5	256- 418-0	< 0.1%
68	Phenolphthalein	酚酞	77-09-8	201- 004-7	< 0.1%



69	Potassium hydroxyoctaoxodizincatedichromate	氢氧化铬酸锌钾	11103-86-9	234-329-8	<0.1%
70	Trilead diarsenate	砷酸铅	3687-31-8	222-979-5	<0.1%
71	Zirconia Aluminosilicate Refractory Ceramic Fibres	氧化锆硅酸铝耐火陶瓷纤维	-	-	<0.1%
72	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	乙二醇二甲醚	110-71-4	203-794-9	<0.1%
73	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	1,2-二(2-甲氧基乙氧基)乙烷	112-49-2	203-977-3	<0.1%
74	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	2451-62-9	219-514-3	<0.1%
75	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione ( $\beta$ -TGIC)	异氰脲酸 $\beta$ -三缩水甘油酯	59653-74-6	423-400-0	<0.1%
76	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	$\alpha,\alpha$ -二[(二甲氨基)苯基]-4-甲氨基苯甲醇	561-41-1	209-218-2	<0.1%
77	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	4,4'-二(N,N-二甲氨基)二苯甲酮 (米氏酮)	90-94-8	202-027-5	<0.1%
78	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	C.I.碱性紫 3	548-62-9	208-953-6	<0.1%
79	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	C.I.碱性蓝 26	2580-56-5	219-943-6	<0.1%
80	Diboron trioxide	三氧化二硼	1303-86-2	215-125-8	<0.1%
81	Formamide	甲酰胺	75-12-7	200-842-0	<0.1%
82	Lead(II) bis(methanesulfonate)	甲基磺酸铅	17570-76-2	401-750-5	<0.1%
83	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	4,4'-(对二甲氨基)二苯基甲烷 (米氏碱)	101-61-1	202-959-2	<0.1%
84	$\alpha,\alpha$ -Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	C.I.溶剂蓝 4	6786-83-0	229-851-8	<0.1%
85	1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	支链和直链 1, 2-苯二羧二戊酯	84777-06-0	284-032-2	<0.1%
86	1,2-diethoxyethane	乙二醇二乙醚	629-14-1	211-076-1	<0.1%



87	1-bromopropane (n-propyl bromide)	1-溴代正丙烷	106-94-5	203-445-0	< 0.1%
88	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	143860-04-2	421-150-7	< 0.1%
89	4,4'-methylenedi-o-toluidine	4,4'-二氨基-3,3'-二甲基二苯甲烷	838-88-0	212-658-8	< 0.1%
90	4,4'-oxydianiline and its salts	4,4'-二氨基二苯醚	-	-	< 0.1%
	4,4'-oxydianiline		101-80-4	202-977-0	< 0.1%
91	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated	对特辛基苯酚乙氧基醚	-	-	< 0.1%
	20-[4-(1,1,3,3-tetramethylbutyl)phenoxy]-3,6,9,12,15,18-hexaoxaicosan-1-ol		2497-59-8	219-682-8	< 0.1%
	Polyethylene glycol mono(tert-octylphenyl) ether		9036-19-5	-	< 0.1%
	2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]ethanol		2315-67-5	-	< 0.1%
	2-[2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]ethoxy]ethanol, 2-{2-[4-(2,4,4-trimethylpentan-2-yl)phenoxy]ethoxy}ethanol		2315-61-9	621-341-7	< 0.1%
2-[[4-(2,4,4-trimethylpentan-2-yl)phenoxy]ethanol	9002-93-1	618-344-0	< 0.1%		
92	4-aminoazobenzene	4-对氨基偶氮苯	60-09-3	200-453-6	< 0.1%
93	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	2,4-二氨基甲苯	95-80-7	202-453-1	< 0.1%
94	4-Nonylphenol, branched and linear	4-壬基酚, 分支或线性的壬基酚, 包括含有 9 个碳烷基链的所有独立的同分异构体和所有含有线性或分支 9 个碳烷基链的 UVCB 物质	-	-	< 0.1%
	p-(1-methyloctyl)phenol		17404-66-9	241-427-4	< 0.1%
	4-(1-Ethyl-1,4-dimethylpentyl)phenol		142731-63-3	-	< 0.1%
	4-(1-Ethyl-1,3-dimethylpentyl)phenol		186825-36-5	-	< 0.1%
	p-nonylphenol		104-40-5	203-199-4	< 0.1%
	Phenol, 4-nonyl-, branched		84852-15-3	284-325-5	< 0.1%
	p-isononylphenol		26543-97-5	247-770-6	< 0.1%
	p-(1,1-dimethylheptyl)phenol		30784-30-6	250-339-5	< 0.1%
	4-(1-ethyl-1-methylhexyl)phenol		52427-13-1	257-907-1	< 0.1%
Phenol, nonyl-, branched	90481-04-2	291-844-0	< 0.1%		



	4-(3-ethylheptan-2-yl)phenol		186825-39-8	635-696-0	< 0.1%
	4-(1,1,5-Trimethylhexyl)phenol		521947-27-3	635-388-6	< 0.1%
	Nonylphenol		25154-52-3	246-672-0	< 0.1%
	Isononylphenol		11066-49-2	234-284-4	< 0.1%
95	6-methoxy-m-toluidine (p-cresidine)	6-甲氧基-间甲苯胺	120-71-8	204-419-1	< 0.1%
96	[Phthalato(2-)]dioxotrilead	二盐基邻苯二甲酸铅	69011-06-9	273-688-5	< 0.1%
97	Acetic acid, lead salt, basic	碱式乙酸铅	51404-69-4	257-175-3	< 0.1%
98	Biphenyl-4-ylamine	4-氨基联苯	92-67-1	202-177-1	< 0.1%
99	Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	十溴二苯醚	1163-19-5	214-604-9	< 0.1%
100	Cyclohexane-1,2-dicarboxylic anhydride	六氢邻苯二甲酸酐、顺式-六氢邻苯二甲酸酐、反式-六氢邻苯二甲酸酐	-	-	< 0.1%
	Cyclohexane-1,2-dicarboxylic anhydride		85-42-7	201-604-9	< 0.1%
	trans-cyclohexane-1,2-dicarboxylic anhydride		14166-21-3	238-009-9	< 0.1%
	cis-cyclohexane-1,2-dicarboxylic anhydride		13149-00-3	236-086-3	< 0.1%
101	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	偶氮二甲酰胺	123-77-3	204-650-8	< 0.1%
102	Dibutyltin dichloride (DBTC)	二丁基二氯化锡	683-18-1	211-670-0	< 0.1%
103	Diethyl sulphate	硫酸二乙酯	64-67-5	200-589-6	< 0.1%
104	Diisopentyl phthalate	邻苯二甲酸二异戊酯 (DIPP)	605-50-5	210-088-4	< 0.1%
105	Dimethyl sulphate	硫酸二甲酯	77-78-1	201-058-1	< 0.1%
106	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	地乐酚	88-85-7	201-861-7	< 0.1%
107	Dioxobis(stearato)trilead	双(十八酸基)二氧代三铅	12578-12-0	235-702-8	< 0.1%
108	Fatty acids, C16-18, lead salts	C16-18-脂肪酸铅盐	91031-62-8	292-966-7	< 0.1%
109	Furan	呋喃	110-00-9	203-727-3	< 0.1%



110	Henicosafuoroundecanoic acid	全氟十一烷酸	2058-94-8	218-165-4	< 0.1%
111	Heptacosafuorotetradecanoic acid	全氟十四酸	376-06-7	206-803-4	< 0.1%
112	Hexahydromethylphthalic anhydride	甲基六氢苯酐、4-甲基六氢苯酐、1-甲基六氢化邻苯二甲酸酐、3-甲基六氢苯二甲酯酐	-	-	< 0.1%
	Hexahydro-4-methylphthalic anhydride		19438-60-9	243-072-0	< 0.1%
	Hexahydro-3-methylphthalic anhydride		57110-29-9	260-566-1	< 0.1%
	Hexahydro-1-methylphthalic anhydride		48122-14-1	256-356-4	< 0.1%
	Hexahydromethylphthalic anhydride		25550-51-0	247-094-1	< 0.1%
113	Lead bis(tetrafluoroborate)	四氟硼酸铅	13814-96-5	237-486-0	< 0.1%
114	Lead cyanamidate	氨基氰铅盐	20837-86-9	244-073-9	< 0.1%
115	Lead dinitrate	硝酸铅	10099-74-8	233-245-9	< 0.1%
116	Lead monoxide (lead oxide)	氧化铅	1317-36-8	215-267-0	> 0.1%
117	Lead oxide sulfate	碱式硫酸铅	12036-76-9	234-853-7	< 0.1%
118	Lead titanium trioxide	钛酸铅	12060-00-3	235-038-9	< 0.1%
119	Lead titanium zirconium oxide	钛酸铅锆	12626-81-2	235-727-4	< 0.1%
120	Methoxyacetic acid	甲氧基乙酸	625-45-6	210-894-6	< 0.1%
121	Methyloxirane (Propylene oxide)	环氧丙烷	75-56-9	200-879-2	< 0.1%
122	N,N-dimethylformamide	N,N-二甲基甲酰胺	68-12-2	200-679-5	< 0.1%
123	N-methylacetamide	N-甲基乙酰胺	79-16-3	201-182-6	< 0.1%
124	N-pentyl-isopentylphthalate	邻苯二甲酸正戊基异戊基酯	776297-69-9	-	< 0.1%
125	o-aminoazotoluene	邻氨基偶氮甲苯	97-56-3	202-591-2	< 0.1%
126	o-toluidine	邻甲基苯胺	95-53-4	202-429-0	< 0.1%
127	Orange lead (lead tetroxide)	四氧化三铅	1314-41-6	215-235-6	< 0.1%
128	Pentacosafuorotridecanoic acid	全氟十三酸	72629-94-8	276-745-2	< 0.1%



129	Pentalead tetraoxide sulphate	氧化铅与硫酸铅的复合物	12065-90-6	235-067-7	< 0.1%
130	Pyrochlore, antimony lead yellow	颜料黄 41	8012-00-8	232-382-1	< 0.1%
131	Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped	掺杂铅的硅酸钡	68784-75-8	272-271-5	< 0.1%
132	Silicic acid, lead salt	硅酸铅	11120-22-2	234-363-3	< 0.1%
133	Sulfurous acid, lead salt, dibasic	二碱式亚硫酸铅 (II)	62229-08-7	263-467-1	< 0.1%
134	Tetraethyllead	四乙基铅	78-00-2	201-075-4	< 0.1%
135	Tetralead trioxide sulphate	三碱式硫酸铅	12202-17-4	235-380-9	< 0.1%
136	Tricosafuorododecanoic acid	全氟十二烷酸	307-55-1	206-203-2	< 0.1%
137	Trilead bis(carbonate) dihydroxide	碱式碳酸铅	1319-46-6	215-290-6	< 0.1%
138	Trilead dioxide phosphonate	磷酸氧化铅	12141-20-7	235-252-2	< 0.1%
139	4-Nonylphenol, branched and linear, ethoxylated	乙氧基化的支链和直链的 4-壬基酚（直链和/或支链的具有 9 个碳原子的烷基链共价键合在 4 位的乙氧基酚，囊括了 UVCB 和定义明确的物质，聚合物及同系物，其中包括任何单独的异构体和/或它们的组合）	-	-	< 0.1%
	Nonylphenol, ethoxylated		9016-45-9	500-024-6	< 0.1%
	2-[2-(4-nonylphenoxy)ethoxy]ethanol		20427-84-3	243-816-4	< 0.1%
	20-(4-nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol		27942-27-4	248-743-1	< 0.1%
	26-(4-Nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxahexacosan -1-ol		14409-72-4	-	< 0.1%
	2-[2-[2-[2-(4-nonylphenoxy)ethoxy]ethoxy]ethoxy]ethanol		7311-27-5	230-770-5	< 0.1%
	Nonylphenol, ethoxylated (6,5-EO) (9016-45-9)		-	931-753-1	< 0.1%
	Nonylphenol, branched, ethoxylated		68412-54-4	500-209-1	< 0.1%
	4-Nonylphenol, ethoxylated		26027-38-3	500-045-0	< 0.1%
	Nonylphenol, ethoxylated (15-EO) (9016-45-9)		-	931-756-8	< 0.1%
	Nonylphenol, ethoxylated (10-EO) (9016-45-9)		-	931-755-2	< 0.1%
Nonylphenol, ethoxylated (8-EO) (9016-45-9)	-	931-754-7	< 0.1%		



	Nonylphenol, branched, ethoxylated (CAS# 68412-54-4)		-	932-688-1	< 0.1%
	Nonylphenolpolyglycoether		-	932-998-7	< 0.1%
	2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethanol		1119449-37-4	687-832-3	< 0.1%
	2-{2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethoxy}ethanol		1119449-38-5	687-833-9	< 0.1%
	Nonylphenol, ethoxylated (polymer)		-	938-618-6	< 0.1%
	Nonylphenol, ethoxylated (EO = 4)		-	939-975-0	< 0.1%
	Poly (oxy-1,2-ethanediyl), alpha -(nonylphenyl)-omega-hydroxy-, branched (CAS# 68412-54-4)		68412-54-4	932-337-2	< 0.1%
	4-Nonylphenol, branched, ethoxylated (CAS: 127087-87-0)		127087-87-0	932-098-4	< 0.1%
	Poly(oxy-1,2-ethanediyl), a-(nonylphenyl)-w-hydroxy- (CAS 9016-45-9)		9016-45-9	931-562-3	< 0.1%
	Isononylphenol, ethoxylated		37205-87-1	609-346-2	< 0.1%
	p-Nonylphenol hexaethoxylate		34166-38-6	-	< 0.1%
	4-Nonylphenol, branched, ethoxylated		127087-87-0	500-315-8	< 0.1%
	23-(nonylphenoxy)-3,6,9,12,15,18,21-heptaoxatricosan-1-ol		27177-05-5	248-293-6	< 0.1%
	26-(nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxahexacosan-1-ol		26571-11-9	247-816-5	< 0.1%
	14-(nonylphenoxy)-3,6,9,12-tetraoxatetradecan-1-ol		26264-02-8	247-555-7	< 0.1%
	Ethanol, 2-(4-nonylphenoxy)-		104-35-8	-	< 0.1%
	Nonylphenol, ethoxylated (EO = 10)		-	939-993-9	< 0.1%
	4-t-Nonylphenol-diethoxylate		156609-10-8	-	< 0.1%
	3,6,9,12-Tetraoxatetradecan-1-ol, 14-(4-nonylphenoxy)-		20636-48-0	-	< 0.1%
140	Ammonium pentadecafluorooctanoate (APFO)	全氟辛酸铵 (APFO)	3825-26-1	223-320-4	< 0.1%
141	Cadmium	镉	7440-43-9	231-152-8	< 0.1%
142	Cadmium oxide	氧化镉	1306-19-0	215-146-2	< 0.1%
143	Dipentyl phthalate (DPP)	邻苯二甲酸二戊酯(DPP)	131-18-0	205-017-9	< 0.1%



144	Pentadecafluorooctanoic acid (PFOA)	全氟辛酸(PFOA)	335-67-1	206-397-9	< 0.1%
145	Cadmium sulphide	硫化镉	1306-23-6	215-147-8	< 0.1%
146	Dihexyl phthalate	邻苯二甲酸二己酯	84-75-3	201-559-5	< 0.1%
147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	C.I.直接红 28	573-58-0	209-358-4	< 0.1%
148	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)	C.I.直接黑 38	1937-37-7	217-710-3	< 0.1%
149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	1,2-亚乙基硫脲	96-45-7	202-506-9	< 0.1%
150	Lead di(acetate)	醋酸铅	301-04-2	206-104-4	< 0.1%
151	Trixylyl phosphate	磷酸三(二甲苯)酯	25155-23-1	246-677-8	< 0.1%
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	邻苯二甲酸二(支链与直链)己酯	68515-50-4	271-093-5	< 0.1%
153	Cadmium chloride	氯化镉	10108-64-2	233-296-7	< 0.1%
154	Sodium perborate, perboric acid, sodium salt	过硼酸钠, 水合物; 过硼酸钠盐	-	-	< 0.1%
	Perboric acid, sodium salt		11138-47-9	234-390-0	< 0.1%
	Perboric acid (H <sub>3</sub> BO <sub>2</sub> (O <sub>2</sub> )), monosodium salt, trihydrate		13517-20-9	603-902-8	< 0.1%
	Borate(2-), tetrahydroxybis[μ-(peroxy-κO1:κO2)]di-, sodium, hydrate (1:2:6)		125022-34-6	-	< 0.1%
	Borate(2-), tetrahydroxybis[μ-(peroxy-κO1:κO2)]di-, sodium (1:2)		90568-23-3	-	< 0.1%
	Sodium perborate		15120-21-5	239-172-9	< 0.1%
155	Sodium peroxometaborate	过硼酸钠, 无水	7632-04-4	231-556-4	< 0.1%
156	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 (UV328)	25973-55-1	247-384-8	< 0.1%



157	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	2-(2'-羟基-3',5'-二叔丁基苯基)-苯并三唑(UV-320)	3846-71-7	223-346-6	<0.1%
158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	二正辛基-双(巯乙酸 2-乙基己酯)锡(DOTE)	15571-58-1	239-622-4	<0.1%
159	Cadmium fluoride	氟化镉	7790-79-6	232-222-0	<0.1%
160	Cadmium sulphate	硫酸镉	10124-36-4, 31119-53-6	233-331-6	<0.1%
161	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)	二正辛基-双(巯乙酸 2-乙基己酯)锡(DOTE)和三(2-乙基己基巯基乙酸)辛锡(MOTE)的反应物料	-	-	<0.1%
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters	1,2-苯二羧酸, 二-碳 6-10-烷基酯; (葵基, 己基, 辛基) 酯与 1,2-苯二甲酸的复合物, 其邻苯二甲酸二己酯含量 ≥0.3%	-	-	<0.1%
	1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters		68648-93-1	272-013-1	<0.1%
	1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters		68515-51-5	271-094-0	<0.1%
163	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]	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], 5-二级丁基-2-(4,6-二甲基环己-3-烯-1-基)-5-甲基-1,3-二恶烷[2] [任何[1]和[2]或者其任意组合的单独异构体或其任何组合] (卡拉花醛及其异构体以及它们的混合物)	-	-	<0.1%
	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		117933-89-8	413-720-9	<0.1%
	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,2S)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2R)-butan-2-yl]-2-[(1S,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2R)-butan-2-yl]-2-[(1S,2S)-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,2S)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane		-	700-927-7	<0.1%



	2-(2,4-Dimethylcyclohex-3-ene-1-yl)-5-methyl-(1-methylpropyl)-1,3-dioxane		117933-89-8	601-499-3	< 0.1%
	1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-		676367-09-2	-	< 0.1%
	1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-rel-		343934-05-4	-	< 0.1%
	1,3-Dioxane, 2-[(1R,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-		676367-04-7	-	< 0.1%
	1,3-Dioxane, 2-[(1R,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-		676367-08-1	-	< 0.1%
	1,3-Dioxane, 2-[(1S,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-		676367-03-6	-	< 0.1%
	1,3-Dioxane, 2-[(1S,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-		676367-07-0	-	< 0.1%
	1,3-Dioxane, 2-[(1S,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-		676367-02-5	-	< 0.1%
	1,3-Dioxane, 2-[(1S,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-		676367-06-9	-	< 0.1%
	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane		-	-	< 0.1%
	1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-rel-		343934-04-3	-	< 0.1%
	5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane		-	-	< 0.1%
	1,3-Dioxane, 2-(2,4-dimethyl-3-cyclohexen-1-yl)-5-methyl-5-(1-methylpropyl)-		186309-28-4	-	< 0.1%
	1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-rel-		676367-05-8	-	< 0.1%
16 4	1,3-propanesultone	1,3-丙烷磺内酯	1120-71-4	214-317-9	< 0.1%
16 5	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	2,4-二-叔丁基-6-(5-氯-2H-苯并三唑-2-基)苯酚(UV-327)	3864-99-1	223-383-8	< 0.1%
16 6	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	2-(2'-羟基-3'-异丁基-5'-叔丁基苯基)苯并三唑(UV-350)	36437-37-3	253-037-1	< 0.1%
16 7	Nitrobenzene	硝基苯	98-95-3	202-716-0	< 0.1%



168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	全氟壬酸及其钠和铵盐	-	-	< 0.1%
	Ammonium salts of perfluorononan-1-oic-acid		-, 4149-60-4	-	< 0.1%
	Perfluorononan-1-oic-acid		375-95-1	206-801-3	< 0.1%
	Sodium salts of perfluorononan-1-oic-acid		-, 21049-39-8	-	< 0.1%
169	Benzo[def]chrysene (Benzo[a]pyrene)	苯并(a)芘 (BaP)	50-32-8	200-028-5	< 0.1%
170	4,4'-isopropylidenediphenol	双酚 A (BPA)	80-05-7	201-245-8	< 0.1%
171	4-heptylphenol, branched and linear	支链与直链的 4-庚基酚	-	-	< 0.1%
	4-heptylphenol		1987-50-4	217-862-0	< 0.1%
	Phenol, heptyl derivs		72624-02-3	276-743-1	< 0.1%
	Phenol, 4-(1-ethyl-1,2-dimethylpropyl)-		30784-27-1	-	< 0.1%
	Phenol, 4-(1,1,2,2-tetramethylpropyl)-		72861-06-4	-	< 0.1%
	Phenol, 4-(1,1,3-trimethylbutyl)-		33104-11-9	-	< 0.1%
	Phenol, 4-(1,1-diethylpropyl)-		37872-24-5	-	< 0.1%
	Phenol, 4-(1,1-dimethylpentyl)-		30784-31-7	-	< 0.1%
	Phenol, 4-(1,2,2-trimethylbutyl)-		911371-06-7	-	< 0.1%
	Phenol, 4-(1,2-dimethylpentyl)-		854904-93-1	-	< 0.1%
	Phenol, 4-(1,3,3-trimethylbutyl)-		911371-07-8	-	< 0.1%
	Phenol, 4-(1,3-dimethylpentyl)-		71945-81-8	-	< 0.1%
	Phenol, 4-(1,4-dimethylpentyl)-		857629-71-1	-	< 0.1%
	Phenol, 4-(1-ethyl-2,2-dimethylpropyl)-		861010-65-3	-	< 0.1%
	Phenol, 4-(1-ethyl-3-methylbutyl)-		854904-92-0	-	< 0.1%
	Phenol, 4-(1-ethylpentyl)-		6465-74-3	-	< 0.1%
	Phenol, 4-(1-methylhexyl)-		6863-24-7	-	< 0.1%
	Phenol, 4-(1-propylbutyl)-		6465-71-0	-	< 0.1%
	Phenol, 4-(3-ethylpentyl)-		911370-98-4	-	< 0.1%
	Phenol, 4-(3-methylhexyl)-		102570-52-5	-	< 0.1%
Phenol, 4-(4-methylhexyl)-	1139800-98-8	-	< 0.1%		
Phenol, 4-(5-methylhexyl)-	100532-36-3	-	< 0.1%		
Phenol, 4-[2-methyl-1-(1-methylethyl)propyl]-	1824346-00-0	-	< 0.1%		



	Phenol, 4-tert-heptyl-		288864-02-8	-	< 0.1%
	4-(2,3-dimethylpentan-2-yl)phenol		861011-60-1	854-135-2	< 0.1%
	4-(3-methylhexan-3-yl)phenol		30784-32-8	854-958-7	< 0.1%
172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	全氟癸酸 (PFDA) 及其钠盐和铵盐	-	-	< 0.1%
	Decanoic acid, nonadecafluoro-, sodium salt		3830-45-3	-	< 0.1%
	sodium nonadecafluorodecanoate		3830-45-3		< 0.1%
	Ammonium nonadecafluorodecanoate		3108-42-7	221-470-5	< 0.1%
	Nonadecafluorodecanoic acid		335-76-2	206-400-3	< 0.1%
173	p-(1,1-dimethylpropyl)phenol	4-(1,1-二甲基丙基)苯酚 (别名: 对叔戊基苯酚)	80-46-6	201-280-9	< 0.1%
174	Perfluorohexane-1-sulphonic acid and its salts(PFHxS)	全氟己基磺酸及其盐 (PFHxS)	-	-	< 0.1%
	potassium perfluorohexane-1-sulphonate		3871-99-6	223-393-2	< 0.1%
	perfluorohexane-1-sulphonic acid		355-46-4	206-587-1	< 0.1%
	tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1)		70225-16-0	274-462-9	< 0.1%
	ammonium perfluorohexane-1-sulphonate		68259-08-5	269-511-6	< 0.1%
	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	-	< 0.1%
	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	-	< 0.1%
	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 <sup>3,7</sup> ]dec-2-yl 2-methyl-2-propenoate, 3-hydroxytricyclo[3.3.1.1 <sup>3,7</sup> ]dec-1-yl 2-methyl-2-propenoate and tetrahydro-2-oxo-3-furanyl 2-methyl-2-propenoate		911027-69-5	-	< 0.1%
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, cesium salt (1:1)	92011-17-1	-	< 0.1%		



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	-	< 0.1%
Iodonium, diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	153443-35-7	-	< 0.1%
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	-	< 0.1%
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	-	< 0.1%
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	-	< 0.1%
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, gallium salt (9Cl)	341035-71-0	-	< 0.1%
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	-	< 0.1%
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	-	< 0.1%
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	-	< 0.1%
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	-	< 0.1%
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	-	< 0.1%
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	-	< 0.1%
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	-	< 0.1%
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, lithium salt (1:1)	55120-77-9	-	< 0.1%
Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3	-	< 0.1%



1-Butanaminium, N,N,N-tributyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid	108427-54-9	-	< 0.1%
Ethanaminium, N,N,N-triethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1)	108427-55-0	-	< 0.1%
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	-	< 0.1%
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	-	< 0.1%
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	-	< 0.1%
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	-	< 0.1%
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	-	< 0.1%
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	-	< 0.1%
Sulfonium, triphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	144116-10-9	-	< 0.1%
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) (9Cl)	866621-50-3	-	< 0.1%
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, sodium salt	82382-12-5	-	< 0.1%
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	-	< 0.1%
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, zinc salt	70136-72-0	-	< 0.1%



	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	-	< 0.1%
175	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”™)	得克隆（包括其所有反式和顺式异构体及其组合	-	-	< 0.1%
	(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		< 0.1%
	(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		< 0.1%
	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		-	-	< 0.1%
	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	236-948-9	< 0.1%
	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		-	-	< 0.1%
176	Benz[a]anthracene	苯并[a]蒽	56-55-3	200-280-6	< 0.1%
177	Cadmium carbonate	碳酸镉	513-78-0	208-168-9	< 0.1%
178	Cadmium hydroxide	氢氧化镉	21041-95-2	244-168-5	< 0.1%
179	Cadmium nitrate	硝酸镉	10325-94-7	233-710-6	< 0.1%
180	Chrysene	屈	218-01-9	205-923-4	< 0.1%
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)	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 [4-庚基苯酚，支链和直链含量 ≥0.1% w/w]	-	-	< 0.1%
	Reaction product of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and phenol, heptyl derivs.		-	939-460-0	< 0.1%
	Formaldehyde, reaction products with branched and linear heptylphenol, carbon disulfide and hydrazine		93925-00-9	300-298-5	< 0.1%



18 2	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride	偏苯三酸酐 (TMA)	552-30-7	209- 008-0	< 0.1%
18 3	Benzo[ghi]perylene	苯并(g,h,i)芘	191-24-2	205- 883-8	< 0.1%
18 4	Decamethylcyclopentasiloxane	十甲基环五硅氧 烷 (D5)	541-02-6	208- 764-9	< 0.1%
18 5	Dicyclohexyl phthalate	邻苯二甲酸二环 己酯 (DCHP)	84-61-7	201- 545-9	< 0.1%
18 6	Disodium octaborate	八硼酸二钠	12008-41-2	234- 541-0	< 0.1%
18 7	Dodecamethylcyclohexasiloxane	十二甲基环六硅 氧烷(D6)	540-97-6	208- 762-8	< 0.1%
18 8	Ethylenediamine	乙二胺 (EDA)	107-15-3	203- 468-6	< 0.1%
18 9	Lead	铅	7439-92-1	231- 100-4	> 0.1%
19 0	Octamethylcyclotetrasiloxane	八甲基环四硅氧 烷(D4)	556-67-2	209- 136-7	< 0.1%
191	Terphenyl, hydrogenated	氢化三联苯	61788-32-7	262- 967-7	< 0.1%
19 2	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	1,7,7-三甲基-3-(苯 亚甲基)双环 [2,2,1]庚-2-酮 (3- 亚苄基樟脑)	15087-24-8	239- 139-9	< 0.1%
19 3	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	4,4'-(1,3-二甲基 丁基)二苯酚	6807-17-6	401- 720-1	< 0.1%
19 4	Benzo[k]fluoranthene	苯并[k]荧蒽	207-08-9	205- 916-6	< 0.1%
19 5	Fluoranthene	荧蒽	206-44-0	205- 912-4	< 0.1%
19 6	Phenanthrene	菲	85-01-8	201- 581-5	< 0.1%
19 7	Pyrene	芘	129-00-0	204- 927-3	< 0.1%
19 8	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides	2,3,3,3-四氟-2- (七氟丙氧基) 丙酸及其盐和酰 基卤化物 (HFPO-DA)	-	-	< 0.1%
	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid		13252-13-6	236- 236-8	< 0.1%
	ammonium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate		62037-80-3	-	< 0.1%
	potassium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionate		67118-55-2	266- 578-3	< 0.1%



	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionyl fluoride		2062-98-8	218-173-8	< 0.1%
	Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (-)-		75579-40-7	-	< 0.1%
	Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (+)-		75579-39-4	-	< 0.1%
199	2-methoxyethyl acetate	乙二醇乙醚乙酸酯	110-49-6	203-772-9	< 0.1%
200	4-tert-butylphenol	4-叔丁基苯酚	98-54-4	202-679-0	< 0.1%
201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	三(壬基苯基)亚磷酸酯(TNPP)其中 4-壬基苯酚(支链和直链)(4-NP)含量大于等于 0.1%	-	-	< 0.1%
	tris(4-nonylphenyl, branched) phosphite, tris(nonylphenyl) phosphite		26523-78-4	247-759-6	< 0.1%
	tris(4-nonylphenyl, branched) phosphite		-	701-028-2	< 0.1%
	Phenol, 4-nonyl-, phosphite (3:1)		3050-88-2	-	< 0.1%
	Phenol, p-sec-nonyl-, phosphite		106599-06-8	-	< 0.1%
	Phenol, p-isononyl-, phosphite (3:1)		31631-13-7	-	< 0.1%
202	Diisohexyl phthalate	邻苯二甲酸二异己酯	71850-09-4	276-090-2	< 0.1%
203	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	2-苄基-2-二甲基氨基-1-(4-吗啉苯基)丁酮	119313-12-1	404-360-3	< 0.1%
204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	2-甲基-1-(4-甲硫基苯基)-2-吗啉基-1-丙酮	71868-10-5	400-600-6	< 0.1%
205	Perfluorobutane sulfonic acid (PFBS) and its salts	全氟丁烷磺酸(PFBS)及其盐	-	-	< 0.1%
206	1-vinylimidazole	1-乙烯基咪唑	1072-63-5	214-012-0	< 0.1%
207	2-methylimidazole	2-甲基咪唑	693-98-1	211-765-7	< 0.1%
208	butyl 4-hydroxybenzoate	对羟基苯甲酸丁酯	94-26-8	202-318-7	< 0.1%
209	Dibutylbis(pentane-2,4-dionato-O,O')tin	双(乙酰丙酮酸)二丁基锡	22673-19-4	245-152-0	< 0.1%
210	Bis(2-(2-methoxyethoxy)ethyl)ether	四乙二醇二甲醚	143-24-8	205-594-7	< 0.1%
211	Diocetyl tin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the	二月桂酸二辛基锡, 锡烷, 二辛基-, 双(椰油酰	-	-	< 0.1%



	predominant carbon number of the fatty acyloxy moiety	氧基)衍生物, 以及任何其他锡烷, 二辛基-, 双(脂肪酰氧基)衍生物。其中 C12 为脂肪酰氧基部分的主要碳原子数			
	dioctyltin dilaurate; stannane, dioctyl-, bis(coco acyloxy) derivs.		-	-	< 0.1%
	Stannane, dioctyl-, bis(coco acyloxy) derivs.		91648-39-4	293-901-5	< 0.1%
	Dioctyltin dilaurate		3648-18-8	222-883-3	< 0.1%
212	1,4-dioxane	1,4-二恶烷	123-91-1	204-661-8	< 0.1%
213	2,2-bis(bromomethyl) propane1,3-diol (BMP)	2,2-双(溴甲基)-1,3-丙二醇(BMP)	3296-90-0	221-967-7	< 0.1%
	2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA)	三溴新戊醇/3-溴-2,2-二溴乙基丙醇(TBNPA)	36483-57-5/1522-92-5	253-057-0	< 0.1%
	2,3-dibromo-1-propanol (2,3-DBPA)	2,3-二溴丙醇(2,3-DBPA)	96-13-9	202-480-9	< 0.1%
214	2-(4-tert-butylbenzyl) propionaldehyde and its individual stereoisomers	2-(4-叔丁基苄基)丙醛及其立体异构体	-	-	< 0.1%
	(2R)-3-(4-tert-butylphenyl)-2-methylpropanal		75166-31-3	-	< 0.1%
	2-(4-tert-butylbenzyl)propionaldehyde		80-54-6	201-289-8	< 0.1%
	(2S)-3-(4-tert-butylphenyl)-2-methylpropanal		75166-30-2	-	< 0.1%
215	4,4'-(1-methylpropylidene) bisphenol (bisphenol B)	2,2-二(4-羟基苯基)丁烷(双酚B)	77-40-7	201-025-1	< 0.1%
216	Glutaral	戊二醛	111-30-8	203-856-5	< 0.1%
217	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 C <sub>14</sub> to C <sub>17</sub> ]	中链氯化石蜡(MCCP)(UVCB 物质, 由 ≥80% 的直链氯代烷烃组成, 碳链长度在 C <sub>14</sub> 到 C <sub>17</sub> 之间)	-	-	< 0.1%
	Alkanes, C14-16, chloro		1372804-76-6	-	< 0.1%
	Alkanes, C14-17, chloro		85535-85-9	287-477-0	< 0.1%
	di-, tri- and tetrachlorotetradecane		-	950-299-5	< 0.1%
	Tetradecane, chloro derivs.		198840-65-2	-	< 0.1%
	Orthoboric acid, sodium salt	硼酸钠盐	-	-	< 0.1%



21 8	boric acid (H <sub>3</sub> BO <sub>3</sub> ), sodium salt, hydrate		25747-83-5	-	< 0.1%
	Boric acid (H <sub>3</sub> BO <sub>3</sub> ), disodium salt		22454-04-2	-	< 0.1%
	Trisodium orthoborate		14312-40-4	238- 253-6	< 0.1%
	Boric acid, sodium salt		1333-73-9	215- 604-1	< 0.1%
	Orthoboric acid, sodium salt		13840-56-7	237- 560-2	< 0.1%
	Boric acid (H <sub>3</sub> BO <sub>3</sub> ), sodium salt (1:1)		14890-53-0	-	< 0.1%
21 9	Phenol, alkylation products (mainly in para position) with C <sub>12</sub> -rich branched or linear alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	烷基酚, 碳链 (C <sub>12</sub> 为主, 直链或支链) 主要在对位, 包括其任何单个异构体或组合 (PDDP)	-		< 0.1%
	Phenol, 4-dodecyl, branched		210555-94-5	-	< 0.1%
	4-isododecylphenol		27459-10-5	-	< 0.1%
	Phenol, 4-isododecyl-		27147-75-7	-	< 0.1%
	Phenol, dodecyl-, branched		121158-58-5	310- 154-3	< 0.1%
	Phenol, (tetrapropenyl) derivatives		74499-35-7	-	< 0.1%
Phenol, tetrapropylene-	57427-55-1	-	< 0.1%		
22 0	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combination thereof (4-MBC)	(±)-1,7,7-三甲基-3-[(4-甲基苯基)亚甲基]双环[2.2.1]庚-2-酮, 包括任何单独的异构体和/或其组合(4-MBC)	-	-	< 0.1%
	(3E)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one		1782069-81-1	-	< 0.1%
	(1R,3E,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one		95342-41-9	-	< 0.1%
	(1S,3Z,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one		852541-25-4	-	< 0.1%
	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one		36861-47-9	253- 242-6	< 0.1%
	(1R,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one		741687-98-9	-	< 0.1%
	(1S,3E,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one		852541-30-1	-	< 0.1%
	(1R,3Z,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one		852541-21-0	-	< 0.1%
221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	2,2'-亚甲基双-(4-甲基-6-叔丁基苯	119-47-1	204- 327-1	< 0.1%



		酚)			
22 2	S-(tricyclo[5.2.1.0'2,6]deca-3-en-8(or)-yl) O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	S-(三环[5.2.1.0'2, 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	255881-94-8	401-850-9	< 0.1%
22 3	tris(2-methoxyethoxy)vinylsilane	乙烯基-三(2-甲氧基乙氧基)硅烷	1067-53-4	213-934-0	< 0.1%
22 4	N-(hydroxymethyl)acrylamide	N-羟甲基丙烯酰胺	924-42-5	213-103-2	< 0.1%
22 5	1,1'-[ethane-1,2-diylbisoxo]bis[2,4,6-tribromobenzene]	1,2-二(2,4,6-三溴苯氧基)乙烷	37853-59-1	253-692-3	< 0.1%
22 6	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	四溴双酚 A	79-94-7	201-236-9	< 0.1%
22 7	4,4'-sulphonyldiphenol	双酚 S	80-09-1	201-250-5	< 0.1%
22 8	Barium diboron tetraoxide	偏硼酸钡	13701-59-2	237-222-4	< 0.1%
22 9	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	3,4,5,6-四溴-1,2-苯二羧酸双(2-乙基己基)酯, 包括包括任何单独的异构体和/或其组合	-	-	< 0.1%
23 0	Isobutyl 4-hydroxybenzoate	4-羟基苯甲酸 2-甲基丙酯	4247-02-3	224-208-8	< 0.1%
231	Melamine	三聚氰胺	108-78-1	203-615-4	< 0.1%
23 2	Perfluoroheptanoic acid and its salts	全氟庚酸及其盐	-	-	< 0.1%
23 3	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烷-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	< 0.1%



23 4	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	二苯基(2,4,6-三 甲基苯甲酰基)氧 化磷	75980-60-8	278- 355-8	<0.1%
23 5	Bis(4-chlorophenyl) sulphone	4,4'-二氯二苯砜	80-07-9	201- 247-9	<0.1%
23 6	2,4,6-tri-tert-butylphenol	2,4,6-三叔丁基苯 酚(2,4,6-TTBP)	732-26-3	211- 989-5	<0.1%
23 7	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol	2-[2-羟基-5- (1,1,3,3-四甲丁基) 苯基]苯并三唑 (UV-329)	3147-75-9	221- 573-5	<0.1%
23 8	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	2-(4-甲基苄基)-2- (二甲基氨基)-1- (4-吗啉苄基)-1-丁 酮	119344-86- 4	438- 340-0	<0.1%
23 9	Bumetrizole	2-(5-氯-2H-苯三唑 -2-基)-6-(1,1-二甲 基乙基)-4-甲基苯 酚 (UV-326)	3896-11-5	223- 445-4	<0.1%
24 0	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	<0.1%
241	Bis(α,α-dimethylbenzyl) peroxide	过氧化二异丙苯	80-43-3	201- 279-3	<0.1%
24 2	Triphenyl Phosphate	磷酸三苯酯	115-86-6	204- 112-2	<0.1%
24 3	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	2156592- 54-8	701- 118-1	<0.1%
24 4	O,O,O-triphenyl phosphorothioate	硫代磷酸 (O,O,O-三苯 基)酯	597-82-0	209- 909-9	<0.1%
24 5	Octamethyltrisiloxane	八甲基三硅氧烷	107-51-7	203- 497-4	<0.1%
24 6	Perfluamine	全氟三丙胺	338-83-0	206- 420-2	<0.1%
24 7	reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	三苯基硫代磷酸 与叔丁基苯衍生 物的反应物料	192268-65- 8	421- 820-9	<0.1%
24 8	1,1,1,3,5,5,5-heptamethyl-3-[(trimethylsilyloxy)trisiloxane	1,1,1,3,5,5,5-七甲 基-3-[(三甲基甲 硅烷基)氧基]三 硅氧烷	17928-28-8	241- 867-7	<0.1%



24 9	Decamethyltetrasiloxane	十甲基四硅氧烷	141-62-8	205- 491-7	<0.1%
25 0	<p>tetra(sodium/potassium) 7-[(E)-{2-acetamido-4-[(E)-(4-{[4-chloro-6-({2- [(4-fluoro-6-{[4-(vinylsulfonyl)phenyl]amino}-1,3,5- triazine-2-yl)amino]propyl}amino)-1,3,5-triazine-2- yl]amino}-5-sulfonato-1-naphthyl)diazenyl]-5- methoxyphenyl}diazenyl]-1,3,6- naphthalenetrisulfonate; Reactive Brown 51</p>	<p>四(钠/钾)7-[(E)- {2-乙酰氨基-4- [(E)-(4-{[4-氯-6- [(2-[(4-氟-6-[(4- (乙烯基磺酰基) 苯基]氨基}-1,3,5- 三嗪-2-基)氨基] 丙基}氨基)-1,3,5- 三嗪-2-基]氨基}- 5-磺基-1-萘基)偶 氮]-5-甲氧基苯 基}偶氮]-1,3,6-萘 三磺酸盐(活性 棕51)</p>	/	466- 490-7	<0.1%

Nanjing NJSM Electronics Co.,Ltd.

Signature : Alina Wang

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