



## Non-use of SVHC

### (Substance of Very High Concern)

We hereby declare that to the best of our knowledge, products supplied by Kinetic Technologies are in compliance with REACH regulation 1907/2006, regarding the Registration, Evaluation, Authorization and Restriction of Chemicals.

Based on the information from material suppliers, we confirm below product does not intentionally use any SVHC (Substance of Very High Concern). The latest revision to the candidate list was published by the European Chemicals Agency on 17th Jan 2022 at: <https://echa.europa.eu/candidate-list-table>

#### EU REACH SVHC 223 LIST

No.	Substance Name	CAS Number
1	Anthracene	120-12-7
2	4,4'- Diaminodiphenylmethane	101-77-9
3	Dibutyl phthalate (DBP)	84-74-2
4	Cobalt dichloride	7646-79-9
5	Diarsenic pentaoxide	1303-28-2
6	Diarsenic trioxide	1327-53-3
7	Sodium dichromate	7789-12-0
8	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2
9	Bis(2-ethyl(hexyl)phthalate) (DEHP)	117-81-7
10	Hexabromocyclododecane (HBCDD)	25637-99-4
11	Alkanes, C10-13,chloro(Short Chain Chlorinated Paraffins)	85535-84-8
12	Bis(tributyltin)oxide	56-35-9
13	Lead hydrogen arsenate	7784-40-9
14	Benzyl butyl phthalate (BBP)	85-68-7
15	Triethyl arsenate	15606-95-8
16	Anthracene oil	90640-80-5
17	Anthracene oil, anthracene paste,distn. Lights	91995-17-4
18	Anthracene oil, anthracene paste,anthracene fraction	91995-15-2
19	Anthracene oil, anthracene-low	90640-82-7
20	Anthracene oil, anthracene paste	90640-81-6
21	Pitch, coal tar, high temp.	65996-93-2
22	2,4-Dinitrotoluene	121-14-2
23	Diisobutyl phthalate	84-69-5
24	Lead chromate	7758-97-6
25	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8
26	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2
27	tris(2-chloroethyl)phosphate	115-96-8



No.	Substance Name	CAS Number
28	Acrylamide	1979-6-1
29	Trichloroethylene	1979-1-6
30	Boric acid	10043-35-3
		11113-50-1
31	Disodium tetraborate, anhydrous	1303-96-4
		1330-43-4
		12179-04-3
32	Tetraboron disodium heptaoxide, hydrate	12267-73-1
33	Sodium chromate	7775-11-3
34	Potassium chromate	7789-00-6
35	Ammonium dichromate	7789-9-5
36	Potassium dichromate	7778-50-9
37	Cobalt(II) sulphate	10124-43-3
38	Cobalt(II) dinitrate	10141-05-6
39	Cobalt(II) carbonate	513-79-1
40	Cobalt(II) diacetate	71-48-7
41	2-Methoxyethanol	109-86-4
42	2-Ethoxyethanol	110-80-5
43	Chromium trioxide	1333-82-0
44	Chromic acid	7738-94-5
45	Dichromic acid	13530-68-2
46	Oligomers of chromic acid and dichromic acid	—
47	2-ethoxyethyl acetate	111-15-9
48	Strontium chromate	7789-6-2
49	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4
50	Hydrazine	7803-57-8
		302-01-2
51	1-methyl-2-pyrrolidone	872-50-4
52	1,2,3-trichloropropane	96-18-4
53	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7rich (DIHP)	71888-89-6
54	Calcium arsenate	7778-44-1
55	Bis(2-methoxyethyl) ether	111-96-6
56	Potassium hydroxyoctaoxodizincatedi-chromate	11103-86-9
57	Lead dipicrate	6477-64-1
58	N, N-dimethylacetamide (DMAC)	127-19-5
59	Arsenic acid	7778-39-4
60	2-Methoxyaniline; o-Anisidine	90-04-0
61	Trilead diarsenate	3687-31-8
62	1,2-Dichloroethane	107-06-2



No.	Substance Name	CAS Number
63	Pentazinc chromate octahydroxide	49663-84-5
64	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4
65	Bis(2-methoxyethyl) phthalate	117-82-8
66	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9
67	Lead azide Lead diazide	13424-46-9
68	Phenolphthalein	1977-9-8
69	Dichromium tris(chromate)	24613-89-6
70	Lead styphnate	15245-44-0
71	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4
72	1,2-bis (2-methoxyethoxy) ethane (TEGDME; triglyme)	112-49-2
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4
74	Diboron trioxide	1303-86-2
75	Formamide	75-12-7
76	Lead (II) bis (methanesulfonate)	17570-76-2
77	TGIC (1,3,5-tris (oxiranylmethyl)-1,3,5-triazine-2,4,6 (1H,3H,5H)- trione)	2451-62-9
78	$\beta$ -TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H	59653-74-6
79	4,4'-bis(dimethylamino) benzophenone (Michler's ketone)	90-94-8
80	N, N, N', N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1
81	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien- 1ylidene] dimethylammonium chloride (C.I. Basic Violet	548-62-9
82	[4-[4-anilino-1-naphthyl] [4-(dimethylamino) phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	2580-56-5
83	$\alpha,\alpha$ -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1methanol (C.I. Solvent Blue 4)	6786-83-0
84	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1
85	Bis(pentabromophenyl) ether (DecaBDE)	214-604-9
86	Pentacosafuorotridecanoic acid	276-745-2
87	Tricosafuorododecanoic acid	206-203-2
88	Henicosafuoroundecanoic acid	218-165-4
89	Heptacosafuorotetradecanoic acid	206-803-4
90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated - covering well-defined substances and UVCB substances, polymers and homologues	-
91	4-Nonylphenol, branched and linear substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers	-



No.	Substance Name	CAS Number
92	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	204-650-8
93	Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic	201-604-9
94	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3methylphthalic anhydride	247-094-1 243-072-0 256-356-4 260-566-1
95	Methoxy acetic acid	210-894-6
96	1,2-Benzenedicarboxylic acid, dipentylester, branched and	284-032-2
97	Diisopentylphthalate (DIPP)	210-088-4
98	N-pentyl-isopentylphthalate	-
99	1,2-Diethoxyethane	211-076-1
100	N, N-dimethylformamide; dimethyl formamide	200-679-5
101	Dibutyltin dichloride (DBT)	211-670-0
102	Acetic acid, lead salt, basic	257-175-3
103	Basic lead carbonate (trilead bis(carbonate)dihydroxide)	215-290-6
104	Lead oxide sulfate (basic lead sulfate)	234-853-7
105	[Phthalato(2-)]dioxotrilead (dibasic lead phthalate)	273-688-5
106	Dioxobis (stearato) trilead	235-702-8
107	Fatty acids, C16-18, lead salts	292-966-7
108	Lead bis(tetrafluoroborate)	237-486-0
109	Lead cyanamidate	244-073-9
110	Lead dinitrate	233-245-9
111	Lead oxide (lead monoxide)	215-267-0
112	Lead tetroxide (orange lead)	215-235-6
113	Lead titanium trioxide	235-038-9
114	Lead Titanium Zirconium Oxide	235-727-4
115	Pentalead tetraoxide sulphate	235-067-7
116	Pyrochlore, antimony lead yellow	232-382-1
117	Silicic acid, barium salt, lead-doped	272-271-5
118	Silicic acid, lead salt	234-363-3
119	Sulfurous acid, lead salt, dibasic	263-467-1
120	Tetraethyllead	201-075-4
121	Tetralead trioxide sulphate	235-380-9
122	Trilead dioxide phosphonate	235-252-2
123	Furan	203-727-3
124	Propylene oxide; 1,2-epoxypropane; methyloxirane	200-879-2
125	Diethyl sulphate	200-589-6
126	Dimethyl sulphate	201-058-1
127	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7
128	Dinoseb	201-861-7
129	4,4'-methylenedi-o-toluidine	212-658-8



No.	Substance Name	CAS Number
130	4,4'-oxydianiline and its salts	202-977-0
131	4-Aminoazobenzene; 4-Phenylazoaniline	200-453-6
132	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	202-453-1
133	6-methoxy-m-toluidine (p-cresidine)	204-419-1
134	Biphenyl-4-ylamine	202-177-1
135	o-aminoazotoluene	202-591-2
136	o-Toluidine; 2-Aminotoluene	202-429-0
137	N-methylacetamide	201-182-6
138	1-bromopropane; n-propyl bromide	203-445-0
139	Cadmium	7440-43-9
140	Cadmium oxide	1306-19-0
141	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1
142	Pentadecafluorooctanoic acid (PFOA)	335-67-1
143	Dipentyl phthalate(DPP)	131-18-0
144	Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and welldefined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	---
145	Cadmium sulphide	1306-23-6
146	Dihexyl phthalate(DNHP)	84-75-3
147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)] bis (4aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0
148	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo]][1,1'-biphenyl]- 4yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate	1937-37-7
149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7
150	Lead di(acetate)	301-04-2
151	Trixylyl phosphate	25155-23-1
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and	68515-50-4
153	Cadmium chloride	10108-64-2
154	Sodium perborate; perboric acid, sodium salt	-
155	Sodium peroxometaborate	231-556-4
156	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7
157	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1
159	Cadmium fluoride	7790-79-6

No.	Substance Name	CAS Number
160	Cadmium sulphate	10124-36-4 31119-53-6
161	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2- [(2ethylhexyl)oxy ]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia- 4stannatetradecanoate (reaction mass of DOTE and	—
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate (EC No. 201-559-5)	68515-51-5 68648-93-1
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-1,3dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	-
164	Nitrobenzene	98-95-3
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3
167	1,3-propanesultone	1120-71-4
168	Perfluorononan-1-oic-acid and its sodium and ammonium saltspropanesultone	375-95-1 21049-39-8 4149-60-4
169	Benzo[def]chrysene	50-32-8
170	4,4'-isopropylidenediphenol	1980-5-7
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2 3830-45-3 3108-42-7
172	p-(1,1-dimethylpropyl)phenol (PTAP)	80-46-6
173	4-heptylphenol, branched and linear substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof	-
174	Perfluorohexane-1-sulphonic acid and its salts	355-46-4
175	Benz[a]anthracene	56-55-3, 1718-53-2
176	Cadmium carbonate	513-78-0
177	Cadmium hydroxide	21041-95-2
178	Cadmium nitrate	10022-68-1, 10325-94-7
179	Chrysene	218-01-9, 1719-03-5



No.	Substance Name	CAS Number
180	Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15- diene ("Dechlorane Plus"™)	-
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-	-
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride; TMA)	552-30-7
183	Benzo[ghi]perylene	191-24-2
184	Decamethylcyclopentasiloxane	541-02-6
185	Dicyclohexyl phthalate	84-61-7
186	Disodium octaborate	12008-41-2
187	Dodecamethylcyclohexasiloxane	540-97-6
188	Ethylenediamine	107-15-3
189	Lead	7439-92-1
190	Octamethylcyclotetrasiloxane	556-67-2
191	Terphenyl, hydrogenated	61788-32-7
192	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one 3-benzylidene camphor; 3-BC	15087-24-8
193	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6
194	Benzo[k]fluoranthene	207-08-9
195	Fluoranthene	206-44-0, 93951-69-0
196	Phenanthrene	85-01-8
197	Pyrene	129-00-0, 1718-52-1
198	2-methoxyethyl acetate	110-49-6
199	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-
200	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	-
201	4-tert-butylphenol	98-54-4
202	2-Benzyl-2-dimethylamino-1-(4-morpholinophenyl)-1-butanone	119313-12-1
203	2-Methyl-1-[4-(methylthio)phenyl]-2-(4-morpholinyl)-1-propanone	71868-10-5
204	Diisohexyl phthalate	276-090-2
205	Perfluorobutane sulfonic acid (PFBS) and its salts	-
206	1-vinylimidazole	1072-63-5
207	2-methylimidazole	693-98-1





No.	Substance Name	CAS Number
208	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4
209	Butyl 4-hydroxybenzoate(Butylparaben)	94-26-8
210	Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8
211	Diocetyl tin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the	-
212	1,4-dioxane	123-91-1
213	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)	1522-92-5 36483-57-5 3296-90-0 96-13-9
214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	75166-31-3 80-54-6 75166-30-2
215	4,4'-(1-methylpropylidene)bisphenol	77-40-7
216	glutaral	111-30-8
217	Medium-chain chlorinated paraffins (MCCP)	1372804-76-6 85535-85-9 198840-65-2
218	orthoboric acid, sodium salt	25747-83-5 22454-04-2 14312-40-4 1333-73-9 13840-56-7 14890-3-0
219	Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	210555-94-5 27459-10-5 27147-75-7 121158-58-5 74499-35-7 57427-55-1
220	±)-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)	-
221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC)	119-47-1





No.	Substance Name	CAS Number
222	S-(tricyclo[5.2.1.0 <sup>2,6</sup> ]deca-3-en-8(or 9)-yl) O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	255881-94-8
223	tris(2-methoxyethoxy)vinylsilane	1067-53-4

Signature : *Yank Yu*

Department : QRA

Date : 20220303