

SAFETY DATA SHEET

according to Regulation (EC)

No. 1907/2006

Revise Date 24.11.2020

GENERIC EU MSDS - NO COUNTRY SPECIFIC DATA - NO OEL DATA

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

Model Name: CX-9060006-WW
CX-9060007-WW
CX-9060008-WW
CX-9060009-WW
CX-9060010-WW

Product Name: CORSAIR XL8 Coolant - Purple
CORSAIR XL8 Coolant - Clear
CORSAIR XL8 Coolant - Green
CORSAIR XL8 Coolant - Red
CORSAIR XL8 Coolant - Blue

Brand: Corsair

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Radiator Additives for PC cooling

1.3 Details of the supplier of the safety data sheet

Company : Nature Valley Industrial Co., Ltd.
Address : No.132, Sec. 1, Xizun St., Shulin Dist., New Taipei City 238, Taiwan (R.O.C.)
Telephone : +886-2-2680-7599
Fax : +886-2-2680-6787
E-mail address : service@condx4you.com

1.4 Emergency telephone number

Emergency Phone # : +886-2-2680-7599

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. This substance is not classified as dangerous according to Directive 67/548/EEC.

2.2 Label elements

The product does not need to be labelled in accordance with EC directives or respective national laws.

2.3 Other hazards - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Synonyms : Coolant, Heat dissipation liquid,
Formula : N/A
Molecular Weight : N/A

INCI Name	CAS NO.	Value (%)
Ultra-Pure Water	7732-18-5	Balance
1,2-Propanediol	57-55-6	< 20.0 %
Germicide	N/A	< 1.0 %

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician. In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

Gastrointestinal disturbance, Nausea, Headache, Vomiting, Central nervous system depression

4.3 Indication of any immediate medical attention and special treatment needed

no data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Carbon oxides

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information

no data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Hygroscopic. Light sensitive.

7.3 Specific end uses

no data available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

8.2 Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Immersion protection

Material: Nitrile rubber

Minimum layer thickness: 0,11 mm

Break through time: > 480 min

Material tested:Dermatril® (Aldrich Z677272, Size M)

Splash protection

Material: Nitrile rubber

Minimum layer thickness: 0,11 mm

Break through time: > 30 min

Material tested:Dermatril® (Aldrich Z677272, Size M)

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 873000, e-mail sales@kcl.de, test method: EN374
If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an Industrial Hygienist familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection

impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- | | | |
|---|--------|--------------------------------|
| a) Appearance | Form | : liquid, clear, viscous |
| | Colour | : translucent |
| b) Odour | | : none |
| c) Odour Threshold | | : no data available |
| d) pH | | : 6.0 - 8.0 at 25 °C |
| e) Melting point/freezing point | | : -10 °C |
| f) Initial boiling point and boiling range | | : 99.8 °C |
| g) Flash point | | : not flammable |
| h) Evaporation rate | | : no data available |
| i) Flammability (solid, gas) | | : not flammable |
| j) Upper/lower flammability or explosive limits | | : not flammable |
| k) Vapour pressure | | : no data available |
| l) Vapour density | | : no data available |
| m) Relative density | | : 1,01 g/mL at 25 °C |
| n) Water solubility | | : 100% soluble in water |
| o) Partition coefficient: n-octanol/water | | : no data available |
| p) Autoignition temperature | | : no data available |
| q) Decomposition temperature | | : no data available |
| r) Viscosity | | : 0 |
| s) Explosive properties | | : Not classified as explosive. |
| t) Oxidizing properties | | : Not oxidant |

9.2 Other safety information

no data available

10. STABILITY AND REACTIVITY

10.1 Reactivity

no data available

10.2 Chemical stability

no data available

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

Exposure to moisture.

10.5 Incompatible materials

Acid chlorides, Acid anhydrides, Oxidizing agents, Chloroformates, Reducing agents

10.6 Hazardous decomposition products

Other decomposition products - no data available

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

LD50 Oral - rat - 20.000 mg/kg

LD50 Dermal - rabbit - 20.800 mg/kg LD50 Intramuscular - rat - 14 g/kg LD50 Intravenous - dog - 26 g/kg

LD50 Intraperitoneal - rat - 6.660 mg/kg LD50 Subcutaneous - rat - 22.500 mg/kg LD50 Intravenous - rat - 6.423 mg/kg

LD50 Intraperitoneal - mouse - 9.718 mg/kg

Remarks: Lungs, Thorax, or Respiration:Chronic pulmonary edema. Kidney, Ureter, Bladder:Changes in both tubules and glomeruli. Blood:Changes in spleen.

LD50 Subcutaneous - mouse - 17.370 mg/kg

Remarks: Behavioral:Change in motor activity (specific assay). Behavioral:Muscle contraction or spasticity. Cyanosis

LD50 Intravenous - mouse - 6.630 mg/kg

LD50 Intravenous - rabbit - 6.500 mg/kg

Skin corrosion/irritation

Skin - Human - Mild skin irritation - 7 d

Serious eye damage/eye irritation

Eyes - rabbit - Mild eye irritation

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available

Potential health effects

Inhalation : May be harmful if inhaled. May cause respiratory tract irritation.

Ingestion : May be harmful if swallowed.

Skin : May be harmful if absorbed through skin. May cause skin irritation.

Eyes : Causes eye irritation.

Signs and Symptoms of Exposure

Gastrointestinal disturbance, Nausea, Headache, Vomiting, Central nervous system depression

Additional Information

RTECS: TY2000000

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to fish mortality NOEC - Pimephales promelas (fathead minnow) - 52.930 mg/l - 96 h

Toxicity to daphnia and other aquatic invertebrates

mortality NOEC - Daphnia - 13.020 mg/l - 48 h

EC50 - Daphnia magna (Water flea) - > 10.000 mg/l - 48 h

12.2 Persistence and degradability

no data available

12.3 Bio-accumulative potential

no data available

12.4 Mobility in soil

no data available

12.5 Results of PBT and vPvB assessment

no data available

12.6 Other adverse effects

no data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

14.1 UN number

ADR/RID: Not Regulated

IMDG: Not Regulated

IATA: Not Regulated

14.2 UN proper shipping name

ADR/RID : Not dangerous goods

IMDG : Not dangerous goods

IATA : Not dangerous goods

14.3 Transport hazard class(es)

ADR/RID : Not dangerous goods

IMDG : Not dangerous goods

IATA : Not dangerous goods

14.4 Packaging group

ADR/RID : Not dangerous goods

IMDG : Not dangerous goods

IATA : Not dangerous goods

14.5 Environmental hazards

ADR/RID: Not dangerous goods

IMDG Marine pollutant: No

IATA: Not dangerous goods

14.6 Special precautions for user

no data available

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

no data available

15.2 Chemical Safety Assessment

no data available

16. Certificate of Compliance - RoHS & REACH Declaration

Our company hereby warrants and guarantees that the products listed on this safety data sheet are in a full compliance with EU RoHS Directives & REACH Regulation and declares that there are no SVHC REACH substances (last updated: 26 Jun. 2020) listed below with concentrations >0.10% in the part (article) of the product.

REACH SVHC

Number	Substance	中文名稱	CAS No.	% Weight
1	Anthracene	蒽	120-12-7	0.000
2	4,4'- Diaminodiphenylmethane	4,4' -二氨基二苯甲烷	101-77-9	0.000
3	Dibutyl phthalate (DBP)	鄰苯二甲酸二丁酯	84-74-2	0.000
4	Bis (2-ethyl(hexyl)phthalate) (DEHP)	鄰苯二甲酸二酯	117-81-7	0.000
5	Benzyl butyl phthalate (BBP)	鄰苯二甲酸丁酯苯甲酯	85-68-7	0.000
6	Sodium dichromate, dehydrate	重鉻酸鈉	7789-12-0	0.000
7	Cobalt dichloride	二氯化鈷	7646-79-9	0.000
8	Diarsenic pentaoxide	五氧化二砷	1303-28-2	0.000
9	Diarsenic trioxide	三氧化二砷	1327-53-3	0.000
10	Triethyl arsenate	三乙基砷酸鹽	15606-95-8	0.000
11	Lead hydrogen arsenate	砷酸氫鉛·砷酸鉛	7784-40-9	0.000
12	5-tert-butyl-2,4,6-trinitro-m-xylene	二甲苯麝香	81-15-2	0.000
13	Hexabromocyclododecane (HBCDD)	六溴環十二烷	25637-99-4	0.000
14	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	短鏈氯化石蠟	85535-84-8	0.000
15	Bis(tributyltin)oxide	三丁基氧化錫	56-35-9	0.000
16	2,4-Dinitrotoluene	2,4-二硝基甲苯	121-14-2	0.000
17	Anthracene oil	蒽油	90640-80-5	0.000
18	Anthracene oil, anthracene paste, distn. Lights	蒽油·蒽糊·輕油	91995-17-4	0.000
19	Anthracene oil, anthracene paste, anthracene fraction	蒽油·蒽糊·蒽醌分	91995-15-2	0.000
20	Anthracene oil, anthracene-low	蒽油·含蒽量少	90640-82-7	0.000
21	Anthracene oil, anthracene paste	蒽油·蒽糊	90640-81-6	0.000
22	Diisobutyl phthalate	鄰苯二甲酸二異丁酯	84-69-5	0.000
23	Lead chromate	鉻酸鉛	7758-97-6	0.000
24	Lead chromate molybdate sulfate red (C.I. Pigment Red 104) 1	紅色鉬鉻酸鉛硫酸鹽	12656-85-8	0.000
25	Lead sulfochromate yellow (C.I. Pigment Yellow 34) 1	黃色硫化鉻酸鉛	1344-37-2	0.000
26	Acrylamide	丙烯醯胺	79-06-1	0.000
27	Tris(2-chloroethyl)phosphate	磷酸三(2-氯乙基)酯	115-96-8	0.000
28	Coal tar pitch, high temperature	煤焦瀝青·高溫	65996-93-2	0.000
29	Trichloroethylene	三氯乙烯	79-01-6	0.000
30	Boric Acid	硼酸	10043-35-3	0.000
			11113-50-1	0.000
31	Disodium tetraborate, anhydrous	無水四硼酸二鈉	1330-43-4	0.000
			12179-04-3	0.000
			1303-96-4	0.000
32	Tetraboron disodium heptaoxide, hydrate	含水七氧化四硼酸二鈉	12267-73-1	0.000
33	Sodium chromate	鉻酸鈉	7775-11-3	0.000
34	Potassium chromate	鉻酸鉀	7789-00-6	0.000
35	Ammonium dichromate	重鉻酸銨	7789-09-5	0.000
36	Potassium dichromate	重鉻酸鉀	7778-50-9	0.000
37	Cobalt(II) Sulphate	硫酸鈷(II)	10124-43-3	0.000
38	Cobalt(II) dinitrate	硝酸鈷(II)	10141-05-6	0.000
39	Cobalt(II) carbonate	碳酸鈷(II)	513-79-1	0.000
40	Cobalt(II) diacetate	醋酸鈷(II)	71-48-7	0.000
41	2-Methoxyethanol	2-甲氧基乙醇	109-86-4	0.000
42	2-Ethoxyethanol	2-乙氧基乙醇	110-80-5	0.000
43	Chromium trioxide	三氧化鉻	1333-82-0	0.000
44	Acids generated from chromium trioxide and their oligomers:	由三氧化鉻和其他低聚物形成的酸類:		
	· Chromic acid	鉻酸	7738-94-5	0.000
	· Dichromic acid	重鉻酸	13530-68-2	0.000
	· Oligomers of chromic acid and dichromic acid	鉻酸和重鉻酸的低聚物	-	0.000
45	2-ethoxyethyl acetate	乙酸-2-乙氧基乙酯	111-15-9	0.000
46	Strontium chromate	鉻酸銣	7789-06-2	0.000
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	鄰苯二甲酸二(C7-11 支鏈與直鏈)烷基酯	68515-42-4	0.000

48	Hydrazine	肼	7803-57-8	0.000
			302-01-2	0.000
49	1-methyl-2-pyrrolidone	N-甲基吡咯烷酮	872-50-4	0.000
50	1,2,3-trichloropropane	1,2,3-三氯丙烷	96-18-4	0.000
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	鄰苯二甲酸二(C6-8 支鏈與直鏈)烷基酯·富 C7	71888-89-6	0.000
52	Dichromium tris(chromate)	鉻酸鉻	24613-89-6	0.000
53	Potassium hydroxyoctaoxodizincatedi-chromate	氫氧化鉻酸鋅鉀	11103-86-9	0.000
54	Pentazinc chromate octahydroxide	C.I.顏料黃 36	49663-84-5	0.000
55	Aluminosilicate Refractory Ceramic Fibres (RCF)	矽酸鋁·耐火陶瓷纖維	-	0.000
56	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)	矽酸鋁氧化鋯·耐火陶瓷纖維	-	0.000
57	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	甲醛和苯胺聚合物	25214-70-4	0.000
58	Bis(2-methoxyethyl) phthalate	鄰苯二甲酸二甲氧乙酯	117-82-8	0.000
59	2-Methoxyaniline; o-Anisidine	鄰甲氧基苯胺	90-04-0	0.000
60	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	對特辛基苯酚	140-66-9	0.000
61	1,2-Dichloroethane	1,2-二氯乙烷	107-06-2	0.000
62	Bis(2-methoxyethyl) ether	二甘醇二甲醚	111-96-6	0.000
63	Arsenic acid	砷酸	7778-39-4	0.000
64	Calcium arsenate	砷酸鈣	7778-44-1	0.000
65	Trilead diarsenate	砷酸鉛	3687-31-8	0.000
66	N,N-dimethylacetamide (DMAC)	N,N-二甲基乙醯胺	127-19-5	0.000
67	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	4,4'-二氯基-3,3'-二氯二苯甲烷	101-14-4	0.000
68	Phenolphthalein	酚酞	77-09-8	0.000
69	Lead azide Lead diazide	疊氮化鉛	13424-46-9	0.000
70	Lead styphnate	收斂酸鉛	15245-44-0	0.000
71	Lead dipicrate	苦味酸鉛	6477-64-1	0.000
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	三乙二醇二甲醚	112-49-2	0.000
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	乙二醇二甲醚	110-71-4	0.000
74	Diboron trioxide	三氧化二硼	1303-86-2	0.000
75	Formamide	甲醯胺	75-12-7	0.000
76	Lead(II) bis(methanesulfonate)	甲基磺酸鉛	17570-76-2	0.000
77	1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione (TGIC)	異氰尿酸三縮水甘油酯	2451-62-9	0.000
78	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC)	β型異氰尿酸三縮水甘油酯	59653-74-6	0.000
79	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	4,4'-二(N,N-二甲胺基)二苯甲酮	90-94-8	0.000
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	4,4'-亞甲基雙(N,N-二甲苯胺)	101-61-1	0.000
81	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	[(4-[[4-苯胺基-1-萘基][4-(二甲基胺基)苯基]亞甲基]環己-2,5-二烯-1-亞基]二甲基氯化銨(C.I. 鹼性藍 26)	2580-56-5	0.000
82	[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'-雙(二甲基胺基)二苯亞甲基]環己-2,5-二烯-1-亞基]二甲基氯化銨(C.I. 鹼性紫 3)	548-62-9	0.000
83	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'-雙(二甲基胺基)-4''-(甲基胺基)三苯甲醇)	561-41-1	0.000
84	α,α-Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	α,α-雙[4-(二甲基胺基)苯基]-4-(苯基胺基)-1-萘甲醇(C.I. 溶劑藍 4)	6786-83-0	0.000
85	Bis(pentabromophenyl) ether (DecaBDE)	十溴聯苯醚	1163-19-5	0.000
86	Pentacosafuorotridecanoic acid	全氟十三酸	72629-94-8	0.000
87	Tricosafuorododecanoic acid	全氟十二烷酸	307-55-1	0.000

88	Henicosfluoroundecanoic acid	全氟十一烷酸	2058-94-8	0.000
89	Heptacosfluorotetradecanoic acid	全氟代十四酸	376-06-7	0.000
90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated - covering well-defined substances and UVCB substances, polymers and homologues	辛基酚聚醚-9，包括界定明確的物質以及 UVCB 物質、聚合物和同系物	-	0.000
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 or a combination thereof	分支或線性的壬基酚，含有線性或分支、共價綁定苯酚的 9 個碳烷基鏈的物質，包括 UVCB 物質以及任何含有獨立或組合的界定明確的同分異構體的物質	-	0.000
92	Diazeno-1,2-dicarboxamide (C,C'-azodi(formamide))	偶氮二甲醯胺	123-77-3	0.000
93	Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)	順環己烷-1,2-二羧酸酐	85-42-7	0.000
94	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	甲基六氫苯酐、4-甲基六氫苯酐、甲基六氫化鄰苯二甲酸酐、3-甲基六氫苯二甲酸酐	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	0.000
95	Methoxy acetic acid	甲氧基乙酸	625-45-6	0.000
96	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	1,2-苯二羧二戊酯（支鏈和直鏈）	84777-06-0	0.000
97	Diisopentylphthalate (DIPP)	鄰苯二甲酸二異戊酯	605-50-5	0.000
98	N-pentyl-isopentylphthalate	鄰苯二甲酸正戊基異戊基酯	-	0.000
99	1,2-Diethoxyethane	乙二醇二乙醚	629-14-1	0.000
100	N,N-dimethylformamide; dimethyl formamide	N,N-二甲基甲醯胺	68-12-2	0.000
101	Dibutyltin dichloride (DBT)	二丁基錫	683-18-1	0.000
102	Acetic acid, lead salt, basic	城式乙酸鉛	51404-69-4	0.000
103	Basic lead carbonate (trilead bis(carbonate)dihydroxide)	城式碳酸鉛	1319-46-6	0.000
104	Lead oxide sulfate (basic lead sulfate)	城式硫酸鉛	12036-76-9	0.000
105	[Phthalato(2-)]dioxotrilead (dibasic lead phthalate)	二鹽基鄰苯二甲酸鉛	69011-06-9	0.000
106	Dioxobis(stearato)trilead	雙(十八酸基)二氧代三鉛	12578-12-0	0.000
107	Fatty acids, C16-18, lead salts	C16-18-脂肪酸鉛鹽	91031-62-8	0.000
108	Lead bis(tetrafluoroborate)	氟硼酸鉛	13814-96-5	0.000
109	Lead cyanamide	氨基氰鉛鹽	20837-86-9	0.000
110	Lead dinitrate	硝酸鉛	10099-74-8	0.000
111	Lead oxide (lead monoxide)	氧化鉛	1317-36-8	0.000
112	Lead tetroxide (orange lead)	四氧化三鉛	1314-41-6	0.000
113	Lead titanium trioxide	鈦酸鉛	12060-00-3	0.000
114	Lead Titanium Zirconium Oxide	鈦酸鉛鋇	12626-81-2	0.000
115	Pentalead tetraoxide sulphate	氧化鉛與硫酸鉛的複合物	12065-90-6	0.000
116	Pyrochlore, antimony lead yellow	顏料黃 41	8012-00-8	0.000
117	Silicic acid, barium salt, lead-doped	摻雜鉛的矽酸鋇	68784-75-8	0.000
118	Silicic acid, lead salt	矽酸鉛	11120-22-2	0.000
119	Sulfurous acid, lead salt, dibasic	亞硫酸鉛 (II)	62229-08-7	0.000
120	Tetraethyllead	四乙基鉛	78-00-2	0.000
121	Tetralead trioxide sulphate	三城式硫酸鉛	12202-17-4	0.000
122	Trilead dioxide phosphonate	磷酸氧化鉛	12141-20-7	0.000
123	Furan	呋喃	110-00-9	0.000
124	Propylene oxide; 1,2-epoxypropane; methyloxirane	環氧丙烷	75-56-9	0.000
125	Diethyl sulphate	硫酸二乙酯	64-67-5	0.000
126	Dimethyl sulphate	硫酸二甲酯	77-78-1	0.000
127	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	0.000
128	Dinoseb	地樂酚	88-85-7	0.000
129	4,4'-methylenedi-o-toluidine	4,4'-二氨基-3,3'-二甲基二苯甲烷	838-88-0	0.000
130	4,4'-oxydianiline and its salts	4,4'-二氨基二苯醚	101-80-4	0.000
131	4-Aminoazobenzene; 4-Phenylazoaniline	4-胺基偶氮苯	60-09-3	0.000
132	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	2,4-二氨基甲苯	95-80-7	0.000
133	6-methoxy-m-toluidine (p-cresidine)	2-甲氧基-5-甲基苯胺	120-71-8	0.000

134	Biphenyl-4-ylamine	4-氨基聯苯	92-67-1	0.000
135	o-aminoazotoluene	鄰氨基偶氮甲苯	97-56-3	0.000
136	o-Toluidine; 2-Aminotoluene	鄰甲基苯胺	95-53-4	0.000
137	N-methylacetamide	N-甲基乙酰胺	79-16-3	0.000
138	1-bromopropane; n-propyl bromide	溴代正丙烷	106-94-5	0.000
139	Cadmium	鎘	7440-43-9	0.000
140	Ammonium pentadecafluorooctanoate (APFO)	全氟辛酸銨	223-320-4	0.000
141	Pentadecafluorooctanoic acid (PFOA)	全氟辛酸	206-397-9	0.000
142	Dipentyl phthalate (DPP)	鄰苯二甲酸二戊酯	131-18-0	0.000
143	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	支鏈及直鏈乙氧基壬基酚-包括含有9個碳烷基鏈及所有含有含直鏈或支鏈之9個碳烷基鏈 UVCB 物質、聚合物及同系物，包括獨立同分異構物及複合物		0.000
144	Cadmium oxide	氧化鎘	1306-19-0	0.000
145	Cadmium sulphide	硫化鎘	1306-23-6	0.000
146	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)	直接黑 38	1937-37-7	0.000
147	Dihexyl phthalate	鄰苯二甲酸二己酯	84-75-3	0.000
148	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	亞乙基硫脲	96-45-7	0.000
149	Trixylyl phosphate	磷酸三(二甲苯)酯	25155-23-1	0.000
150	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	直接紅 28	573-58-0	0.000
151	Lead di(acetate)	醋酸鉛	301-04-2	0.000
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	鄰苯二甲酸二己酯(支鏈和直鏈)	68515-50-4	0.000
153	Sodium perborate; perboric acid, sodium salt	過硼酸鈉	-	0.000
154	Sodium peroxometaborate	過氧偏硼酸鈉	7632-04-4	0.000
155	Cadmium chloride	氯化鎘	10108-64-2	0.000
156	Cadmium fluoride	氟化鎘	7790-79-6	0.000
157	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)	DOTE 和 MOTE 反應產物	-	0.000
158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	硫代甘醇酸異辛酯二正辛基錫 DOTE	15571-58-1	0.000
159	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	紫外線吸收劑 320	15571-58-1	0.000
160	Cadmium sulphate	硫酸鎘	10124-36-4	0.000
			31119-53-6	0.000
161	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	紫外線吸收劑 328	25973-55-1	0.000
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	"1,2-苯二甲酸二C6-10烷基酯；	68515-51-5	0.000
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] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	5-二級丁基-2-(2,4-二甲基環己-3-烯-1-基)-5-甲基-1,3-二氧環己烷[1], 5-二級丁基-2-(4,6-二甲基環己-3-烯-1-基)-5-甲基-1,3-二氧環己烷[2] · [任何[1]和[2]或者其任意組合的單獨異構物或其任何組合]	-	0.000
164	1,3-propanesultone	1,3-丙烷磺內酯	1120-71-4	0.000
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	2-(2'-叔丁基-3',5'-二叔丁基苯基)-5-氯代-苯並三唑(紫外線吸收劑 327)	3864-99-1	0.000

166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	2-(2'-羥基-3'-仲-丁基-5'-叔-丁基苯基) 苯並三唑 (紫外線吸收劑 350)	36437-37-3	0.000
167	Nitrobenzene	硝基苯	98-95-3	0.000
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	全氟壬酸及其鈉鹽和銨鹽	375-95-1	0.000
			21049-39-8	0.000
			4149-60-4	0.000
169	Benzo[def]chrysene (Benzo[a]pyrene)	苯並[def]屈 (苯並[a]芘)	50-32-8	0.000
170	"4,4'-isopropylidenediphenol Bisphenol A; BPA"	雙酚 A	80-05-7	
171	"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"	支鏈與直鏈 4-庚基苯酚烷基直鏈及/ 或支鏈以 7 個碳共價於酚的對位, 涵蓋所有由單一或多種異構物組合的明確定義物質及 UVCB 物質	-	0.000
172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	全氟癸酸, 及其鈉與銨鹽	-	
	Decanoic acid, nonadecafluoro-, sodium salt	全氟癸酸鈉	3830-45-3	0.000
	Ammonium nonadecafluorodecanoate	全氟癸酸銨	3108-42-7	0.000
	Nonadecafluorodecanoic acid	全氟癸酸	335-76-2	0.000
173	p-(1,1-dimethylpropyl)phenol	對-(1,1-二甲基丙基)苯酚	80-46-6	0.000
174	Perfluorohexane-1-sulphonic acid and its salts	全氟己基磺酸及其鹽類	-	0.000
175	"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-2,5-二巰酮、甲醛與支鏈和直鏈 4-庚基苯酚的反應產物 (含有支鏈和直鏈 4-庚基苯酚重量比大於或等於 0.1%)	-	0.000
176	Chrysene	屈	18-01-9, 1719-03-5	0.000
177	Cadmium nitrate	硝酸鎘	10022-68-1, 10325-94-7	0.000
178	Cadmium hydroxide	氫氧化鎘	21041-95-2	0.000
179	Cadmium carbonate	碳酸鎘	513-78-0	0.000
180	Benz[a]anthracene	苯并[a]蒽	56-55-3, 1718-53-2	0.000
181	"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"™) covering any of its individual anti- and syn-isomers or any combination thereof"	雙(六氯環戊二烯)環辛烷(包含任何順式與反式同分異構體或其組)	-	0.000
182	Octamethylcyclotetrasiloxane (D4)	八甲基環四矽氧烷(D4)	556-67-2	0.000
183	Decamethylcyclopentasiloxane (D5)	十甲基環戊矽氧烷(D5)	541-02-6	0.000
184	Dodecamethylcyclohexasiloxane (D6)	十二甲基環己矽氧烷(D6)	540-97-6	0.000
185	Lead	鉛	7439-92-1	0.000
186	Disodium octaborate	四水八硼酸二鈉	12008-41-2	0.000
187	Benzo[ghi]perylene	苯並[G,H,I]芘	191-24-2	0.000
188	Terphenyl hydrogenated	氫化三聯苯	61788-32-7	0.000
189	Ethylenediamine (EDA)	乙二胺(EDA)	107-15-3	0.000
190	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA)	偏苯三酸酐(TMA)	552-30-7	0.000
191	Dicyclohexyl phthalate (DCHP)	鄰苯二甲酸二環己酯(DCHP)	84-61-7	0.000
192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	2,2-雙(4'-羥基苯基)-4-甲基戊烷	6807-17-6	0.000
193	benzo[k]fluoranthene	苯并[k]螢蒽 (多環芳香烴類)	207-08-9	0.000
194	fluoranthene	苯并[a]芘 (多環芳香烴類)	206-44-0; 93951-69-0	0.000
195	phenanthrene	菲 (多環芳香烴類)	85-01-8	0.000
196	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	1,7,7-三甲基-3-(苯亞甲基)雙環[2,2,1]庚-2-酮	15087-24-8	0.000

197	Pyrene	芘 (四環多環芳香烴類)	"129-00-0;	
198	2-methoxyethyl acetate	2-甲氧基乙酸乙酯	110-49-6	0.000
199	Tris (4-nonylphenyl, branched and linear) phosphite (TNPP) with >= 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	三 (4-壬基苯基·支鍊和直鍊)亞磷酸酯(TNPP)(4-壬基酚 4-NP, 支鍊和直鍊濃度>=0.1%重量百分比)	-	0.000
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)	2,3,3,3-四氟-2- (七氟丙氧基)丙酸·即其鹽類與鹵化醯類 (包括它們各自的異構物及其組合)	-	0.000
201	4-tert-butylphenol	4-叔丁基苯酚	98-54-4	0.000
202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	2-苄基-2-二甲基氨基-1-(4-嗎啉苯基)丁酮	119313-12-1	0.000
203	2-methyl-1-(4-methylthiophenyl)-2-morpholino propan-1-one	2-甲基-1-[4-(甲基硫代)苯基]-2-(4-嗎啉基)-1-丙酮	71868-10-5	0.000
204	Diisohexyl phthalate	二異己基鄰苯二甲酸酯	71850-09-4	0.000
205	Perfluorobutane sulfonic acid (PFBS) and its salts	全氟丁烷磺酸及其鹽類		0.000
206	1-vinylimidazole	1-乙烯基咪唑	1072-63-5	0.000
207	2-methylimidazole	2-甲基咪唑	693-98-1	0.000
208	Butyl 4-hydroxybenzoate	4-羥基苯甲酸丁酯	94-26-8	0.000
209	Dibutylbis	二丁基雙(2,4-戊二酸根合-O,O')	22673-19-4	0.000

RoHS Substance

Number	Substance	中文名稱	CAS No.	% Weight
1	Lead	鉛	7439-92-1	0.000
2	Cadmium	鎘	7440-43-9	0.000
3	Mercury	汞	7439-97-6	0.000
4	Hexavalent chromium	六價鉻	18540-29-9	0.000
5	PBBs	多溴聯苯	36355-01-8 and etc	0.000
6	PBDEs	多溴聯苯醚	32534-81-9 and etc	0.000
7	DEHP	鄰苯二甲酸二(2-乙基己基)酯	117-81-7	0.000
8	BBP	鄰苯二甲酸丁酯苯甲酯	85-68-7	0.000
9	DBP	鄰苯二甲酸二丁酯	84-74-2	0.000
10	DIBP	鄰苯二甲酸二異丁酯	84-69-5	0.000