



SUSUMU CO., LTD. 14 Umamawashi-chi, Kamitoba, Minami-ku, Kyoto 601-8177 Japan
TEL+81 (75) 671-7371 FAX+81 (75) 671- 7374

www.susumu.co.jp

SUSUMU Co.,Ltd RoHS Compliance Information-1/10/2012

Certificate of RoHS Compliance

This is to certify that all components listed below are RoHS compliant and meet the requirements of the current EU RoHS Directive 2002/95/EC, and do not contain the substances listed in the table below in concentrations exceeding the Maximum Concentration Value (MCV).

Series:

**RR, RG, RGH, RM, RT, RN, RA, CP, RRS, RL, RP, RPH, PRL, KRL, HPL, TFL, HTC
TBF, TBL, TDP, TBB, FL, PAT, PS, PXV, DS, GL, PCMC, PCMB, YJP**

Substance Maximum Concentration Value:

Substance	Proposed MCV
Lead (Pb)	0.1%(1000ppm)
Mercury (Hg)	0.1%(1000ppm)
Cadmium (Cd)	0.01%(100ppm)
Hexavalent Chromium (Cr+6)	0.1%(1000ppm)
Polybrominated Biphenyls (PBB)	0.1%(1000ppm)
Polybrominated Diphenyl Ethers (PBDE)	0.1%(1000ppm)

Best Regards,

Minoru Nishida
QA Manager
SUSUMU Co., Ltd
+81 75 671 7371





SUSUMU CO., LTD. : RoHS Compliance and Lead-free Electronic Components

Category	Product Series	Product Type (Description)	Plating Materials for Electrodes, etc.	RoHS Compliant (Pb,Hg,Cd,Cr+6, PBB/PBDE)	MSL Level	Reflow Temperatures:	Number of reflows	Lead	Mercury	Cadmium	Hexavalent Chromium	Polybrominated Biphenyls (PBB)	Polybrominated Diphenylethers (PBDE)
Resistors	RR0306	Thin Film Chip Resistors (0201 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RR0510	Thin Film Chip Resistors (0402 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	RR0816	Thin Film Chip Resistors (0603 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	RR1220	Thin Film Chip Resistors (0805 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	RN73	Thin Film Chip Resistors (0805 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RR1632	Thin Film Chip Resistors (1206 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	RR2632	Thin Film Chip Resistors (1210 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	RG1005	Thin Film Chip Resistors (0402 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RG1608	Thin Film Chip Resistors (0603 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RG2012	Thin Film Chip Resistors (0805 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RG3216	Thin Film Chip Resistors (1206 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RGH1005	Thin Film Chip Resistors (0402 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RGH1608	Thin Film Chip Resistors (0603 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RGH2012	Thin Film Chip Resistors (0805 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RM2012	Thin Film Chip Resistor Networks (0805 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RM3216	Thin Film Chip Resistor Networks (1206 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RN1632	Thin Film Chip Resistor Networks (1206 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RA1632	Thin Film Chip Resistor Networks (1206 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RT0603	Thin Film trimmable Chip Resistors (0201 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RT0510	Thin Film trimmable Chip Resistors (0402 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RT0816	Thin Film trimmable Chip Resistors (0603 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RT1220	Thin Film trimmable Chip Resistors (0805 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RP1005	High Power Type Chip Resistors (0402 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RP1608	High Power Type Chip Resistors (0603 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RP2012	High Power Type Chip Resistors (0805 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RL3720	Current sensors (0815 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	22	<2	<2	<2	<5	<5
	RL3720W	Current sensors (0815 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	22	<2	<2	<2	<5	<5
	RL7520W	Current sensors (0830 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<1	<5	<1	<2	<25	<25
	PRL1220	Current Sensors (0805 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<27	<5	<1	<2	<25	<25
	PRL1632	Current Sensors (1206 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<27	<5	<1	<2	<25	<25
	PRL3264	Current Sensors (2512 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<27	<5	<1	<2	<25	<25
	RL0603	Current sensors (0201 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<27	<5	<1	<2	<25	<25
	RL0510	Current sensors (0402 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RL0816	Current sensors (0603 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	YJP1608	0ohm Jumper (Max.0.3mohm, 0603 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RL1220	Current sensors (0805 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RL1632	Current Sensors (1206 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<35.9	<2	<2	<2	<5	<5
	RL3264	Current Sensors (2512 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<35.9	<2	<2	<2	<5	<5
	KRL1220	Current sensors (0805 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	KRL1632	Current Sensors (1206 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	KRL3264	Current Sensors (2512 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	KRL2012	Current Sensors (0805 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	KRL3216	Current Sensors (1206 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	KRL6432	Current Sensors (2512 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	KRL7638	Current Sensors (3015 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	KRL9045	Current Sensors (3518 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	KRL11050	Current Sensors (4320 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RL16324L	Current Sensors (1206 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<35.9	<2	<2	<2	<5	<5
	RL2550L	Current Sensors (2010 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<35.9	<2	<2	<2	<5	<5
	RL3264L	Current Sensors (2512 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<35.9	<2	<2	<2	<5	<5



SUSUMU CO., LTD. : RoHS Compliance and Lead-free Electronic Components

Category	Product Series	Product Type (Description)	Plating Materials for Electrodes, etc.	RoHS Compliant (Pb,Hg,Cd,Cr+6, PBB/PBDE)	MSL Level	Reflow Temperatures:	Number of reflows	Lead	Mercury	Cadmium	Hexavalent Chromium	Polybrominated Biphenyls (PBB)	Polybrominated Diphenylethers (PBDE)
Coils	PCMC063T	Power Choke Coils	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	PCMM063T	Power Choke Coils	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	PCMC103T	Power Choke Coils	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	PCMB103T	Power Choke Coils	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	PCMC104T	Power Choke Coils	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	PCMC133E	Power Choke Coils	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	PCMC135T	Power Choke Coils	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	PCMB104T	Power Choke Coils	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	PW021T	Power Choke Coils	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	PW25201BT	Power Choke Coils	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	PS0311B	Power Choke Coils	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	PS031T	Power Choke Coils	Matte Sn	YES	1	260 deg C 10sec max.	2	<50	<2	<2	<2	<5	<5
	PS041B	Power Choke Coils	Matte Sn	YES	1	260 deg C 10sec max.	2	<50	<2	<2	<2	<5	<5
PCMC042T	Power Choke Coils	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5	
PCMC053T	Power Choke Coils	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5	
Inductors	HPL0603	Thin Film Chip Inductors (0201 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	HPL1005	Thin Film Chip Inductors (0402 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	TFL0510	Thin Film Chip Inductors (0402 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	TFL1608	Thin Film Chip Inductors (0603 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
Capacitors	HTC0603	Thin Film Capacitor (0201 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	HTC1005	Thin Film Capacitor (0402 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
Filters	TBF-1005	Thin Film Band Pass Filters (0402 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<41	<2	<2	<2	<5	<5
	TBF-1608	Thin Film Band Pass Filters (0603 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<41	<2	<2	<2	<5	<5
	TBF-2012	Thin Film Band Pass Filters (0805 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<41	<2	<2	<2	<5	<5
	TBL-1005	Thin Film Balun for W-LAN & Bluetooth (0402 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<41	<2	<2	<2	<5	<5
	TBL-1608	Thin Film Balun for W-LAN & Bluetooth (0603 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<41	<2	<2	<2	<5	<5
	TDP-2012	Diplexer for W-LAN (0805 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<41	<2	<2	<2	<5	<5
	TBB-2012	Balance Filter for W-LAN (0805 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	FL7B5BH	Ball Grid Array Thin Film Low Pass Filters	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	FL9B5BH	Ball Grid Array Thin Film Low Pass Filters	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
Attenuators	PAT0510S	High Frequency Thin Film Chip Attenuators(0402 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	PAT0816	High Frequency Thin Film Chip Attenuators(0603 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	PAT1220	High Frequency Thin Film Chip Attenuators(0805 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	PAT1632	High Frequency Thin Film Chip Attenuators(1206 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	PAT3042S	High Frequency Thin Film Chip Attenuators(1712 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	PXV1220	Thermo-Variable Thin Film Chip Attenuators (0805 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
Power Splitters	PS1608G	High Frequency Thin Film Power Splitters(0603 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	PS2012G	High Frequency Thin Film Power Splitters(0805 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	PS3216G	High Frequency Thin Film Power Splitters(1206 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	PS5025G	High Frequency Thin Film Power Splitters(2010 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
Sound Components	RRS1608	Audio Thin Film Chip Resistors (0603 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	RRS2012	Audio Thin Film Chip Resistors (0805 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	HAP-BME-20	Thin & Mini Piezo Speaker	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<2	<2	<10	<10

Susumu(SSM) hereby certifies that all materials and/or components used to manufacture the product(s) mentioned above are in compliance with the EU Directive 2002/95/EC for Restriction of Hazardous Substances (RoHS).

Furthermore, Supplier certifies that this information accurately represents the supplier's status in meeting those requirements.

NOTE:

1. RG, RGH RM, RP PRL, KRL HOL, HTC, PCMC(B), PW, PS0**, FL7B5BH, FL9B5BH, HAP-BME-20 and RRS are only made as RoHS Compliance and Lead-Free.

2. Compliant and Non-compliant will be differentiated by LABEL on the plastic reel.

Compliant Components; dotted line on the label for the RR, RT, RN, RA, RL, TFL and PS***G. **Please see description on next page)**

Description of RoHS Compliance and LEAD FREE



Parts number
(Type designation)

Quantity per reel

Manufacturing
date code

**Identification showing
RoHS Compliance
& lead-free parts(Sn 100%)**



SUSUMU CO., LTD. 14 Umamawashi-chi, Kamitoba, Minami-ku, Kyoto 601-8177 Japan
TEL+81 (75) 671-7371 FAX+81 (75) 671- 7374

www.susumu.co.jp

SUSUMU Co.,Ltd REACH Compliance-12/20/11

Certificate of REACH Compliance

We, SUSUMU hereby certify that the product series listed below **do not contain** any of the REACH Substances of Very High Concern (SVHC), as specified in the table below according to the Candidate list published by ECHA (European Chemical Agency).

SUSUMU's product number(series)

RG1005, RG1608, RG2012, RG3216, RM2012, RM3216
RGH1005, RGH1608, RGH2012
RR0306, RR0510, RR0816, RR1220, RR1632, RR2632, RN73
RT0603, RT0510, RT0816, RT1220, RP1005, RP1608, RP2012
PRL0816, PRL1220, PRL1632, PRL3264, RL3720W, RL7520W
RL0510, RL0816, RL1220, RL1632, RL3264, RL3264L4, RL3264SW4
RL1632H, RL3264-6, RL3264-6C, RL3264-9V, RL3264-6W, RL3264-9C
KRL1220, KRL1632, KRL3264
KRL2012, KRL3216, KRL7638, KRL9045, KRL11050
PCMC042T, PCMB042T, PCMC053T, PCMB053T, PIMB136T
PCMC063T, PCMB063T, PCMB065T, PCMB103T(E), PCMB104T(E)
PCMB101E, PCMB105T, PCMC133E, PCMC135T
HPL0603, HPL1005, TFL0816, PAT0510S, PAT1608, PAT1632, PAT3042S
PXV1220, PBV1632

Substance List: Substance of Very High Concern (SVHC) List

SUSUMU Co., Ltd.

Yasuhide Cho
QA Manager
SUSUMU Co., Ltd
+81 75 671 7371



No.	Substance	CAS No.
1	Anthracene	120-12-7
2	4,4'- Diaminodiphenylmethane (or methylene dianiline)	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, dihydrate	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 (TBTO)	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



SUSUMU CO., LTD. 14 Umamawashi-chi, Kamitoba, Minami-ku, Kyoto 601-8177 Japan

TEL+81 (75) 671-7371 FAX+81 (75) 671- 7374

www.susumu.co.jp

No.	Substance	CAS No.
21	Coal tar pitch, high temperature	65996-93-2
22	Acrylamide	79-06-1
23	Aluminosilicate, refractory ceramic fibres	
24	Zirconium aluminosilicate refractory ceramic fibres	
25	2,4-dinitrotoluene	121-14-2
26	Di-isobutyl phthalate	84-69-5
27	Lead chromate	7758-97-6
28	Lead chromate molybdate sulphate red (C I Pigment Red 104)	12656-85-8
29	Lead sulfochromate yellow (C I Pigment Yellow 34)	1344-37-2
30	Tris (2-chloroethyl) phosphate	115-96-8
31	Trichloroethylene	79-01-6
32	Boric acid	10043-35-3 and 11113-50-1
33	Disodium tetraborate anhydrous	1303-96-4, 1330-43-4 and 12179-04-3
34	Tetraboron disodium heptaoxide, hydrate	12267-73-1
35	Sodium chromate	7775113
36	Potassium chromate	7789-00-6
37	Ammonium dichromate	7789095
38	Potassium dichromate	7778-50-9
39	Cobalt(II) sulphate	233-334-2



No.	Substance	CAS No.
40	Cobalt(II) dinitrate	233-402-1
41	Cobalt(II) carbonate	208-169-4
42	Cobalt(II) diacetate	200-755-8
43	2-Methoxyethanol	203-713-7
44	2-Ethoxyethanol	203-804-1
45	Chromium trioxide	1333-82-0
46	Chromic acid, Oligomers of chromic acid, dichromic acid, Dichromic acid	7738-94-5 13530-68-2
47	2-ethoxyethyl acetate	111-15-9
48	Strontium chromate	7789-06-2
49	1,2-Benzenedicarboxylic acid, di-C7-11- branched, linear alkyl esters	68515-42-4
50	Hydrazine	302-01-2 / 7803-57-8
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, C7-rich	71888-89-6
54	Dichromium tris(chromate)	24613-89-6
55	Potassium hydroxyoctaoxodizincatedi-chromate	11103-86-9
56	Pentazinc chromate octahydroxide	49663-84-5
57	Aluminosilicate Refractory Ceramic Fibres (RCF)*	-

No.	Substance	CAS No.
58	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)*	-
59	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4
60	Bis(2-methoxyethyl) phthalate	117-82-8
61	2-Methoxyaniline; o-Anisidine	90-04-0
62	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9
63	1,2-Dichloroethane	107-06-2
64	Bis(2-methoxyethyl) ether	111-96-6
65	Arsenic acid	7778-39-4
66	Calcium arsenate	7778-44-1
67	Trilead diarsenate	3687-31-8
68	N,N-dimethylacetamide (DMAC)	127-19-5
69	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4
70	Phenolphthalein	77-09-8
71	Lead azide Lead diazide	13424-46-9
72	Lead styphnate	15245-44-0
73	Lead dipicrate	6477-64-1