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Meiko Electronic Development Co., Ltd.
Quality Assurance Department

Environmental Specifications Pertaining to Procurement Restrictions for the Inclusion of Chemical Substances in Products Ver. 7

(For Suppliers)

<Meiko`s Group>
- Meiko Electronics Co., Ltd., Electronic Device Business
- Meiko Electronic Development Co., Ltd.
- Meiko Electronic Manufacturing Co., Ltd.
- Meiko Electronics Vietnam Co.,Ltd. EMS Plant
- Meiko Electronics Hai Duong Vietnam Co., Ltd.

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１． Objective

Meiko's policy is to provide safe products that do not impose an environmental burden on the global environment and to comply with environmental laws and regulations. Therefore, this guideline defines standard requirements for procuring materials, parts and other products from the suppliers for producing Meiko’s electric/electronic products and systems.

２． Scope of Application

In principle these specifications apply to all the materials procured to build Meiko’s products (electric/electronic products and systems) as well as items (such as packaging materials) used for shipping Meiko’s products.

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３． Timing of Application

When legal effective date is newly introduced or revised, Meiko does not procure materials from six months before the date.

4. Banned Substances

Banned Substances are the chemical substances including impurities which are prohibited to be included in the products intentionally or unintentionally. Table 1 shows the substances which are banned to be utilized for Meiko's products. In principle, Meiko does not procure any products containing the "banned substances", thus Meiko's suppliers are not allowed to use any of the "banned substances" in Table 1 in the products they sell to Meiko. These requirements are concerned with product quality and if a product contains any of the "banned substances" without the consent of Meiko, this will be regarded as a quality defect and the supplier shall assume liability for defect warranty as per the contract.

Note 1: In case there are new enforcement or revisions of treaties, laws, regulations, industry standards, etc., there may be temporary inconsistencies between the new requirements and specifications stated in this guideline. In such cases, new requirements shall take precedence and be complied with.

Note 2: Region specific chemical substances regulations of the destination country where Meiko products are to be delivered, shall be confirmed and complied with.

Table 1. Prohibited Substances

No.	Name of Substance /Substance Group	Key Applicable Law and Regulation
1	Polychlorinated biphenyls (PCBs)	・REGULATION (EU) 2019/1021 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 20 June 2019 on persistent organic pollutants ・Japan Law Concerning the Evaluation of Chemical Substances (Class I Specified Chemical Substances)
2	Polychlorinated naphthalenes (more than 2 chlorine atoms)	・REGULATION (EU) 2019/1021 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 20 June 2019 on persistent organic pollutants ・Japan Law Concerning the Evaluation of Chemical Substances (Class I Specified Chemical Substances)
3	Tributyl tin oxide (TBTO)	・EU REACH Regulation (Annex XVII) ・Japan Law Concerning the Evaluation of Chemical Substances (Class I Specified Chemical Substances)
4	Short-chain chlorinated paraffins (C10-C13)	・REGULATION (EU) 2019/1021 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 20 June 2019 on persistent organic pollutants ・Japan Law Concerning the Evaluation of Chemical Substances (Class I Specified Chemical Substances)
5	Ozone depleting substances (specified in Montreal Protocol: Class I)	・Law Concerning the Protection of the Ozone Layer through the Control of Specified Substances and Other Measures ・Montreal Protocol
6	Asbestos	・EU REACH Regulation (Annex XVII) ・Industrial Safety and Health Law (Prohibition of Manufacturing and Use)
7	Polychlorinated terphenyls (PCTs)	・EU REACH Regulation (Annex XVII)
8	Dimethyl fumarate	・EU REACH Regulation (Annex XVII)
9	Perfluorooctane sulfonate (PFOS) and its Salts	・REGULATION (EU) 2019/1021 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 20 June 2019 on persistent organic pollutants ・Japan Law Concerning the Evaluation of Chemical Substances (Class I Specified Chemical Substances)
10	Phenol,2-(2H-benzotriazol-2-yl)-4, 6-bis(1,1-dimethylethyl)	・Japan Law Concerning the Evaluation of Chemical Substances (Class I Specified Chemical Substances)
11	Hexabromocyclododecane	・REGULATION (EU) 2019/1021 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 20 June 2019 on persistent organic pollutants ・Japan Law Concerning the Evaluation of Chemical Substances (Class I Specified Chemical Substances)
12	Perfluorooctanoic acid (PFOA) and its salts	・REGULATION (EU) 2019/1021 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 20 June 2019 on persistent organic pollutants ・Japan Law Concerning the Evaluation of Chemical Substances (Class I Specified Chemical Substances)
13	Phenol, Isopropylated Phosphate (3:1) (PIP (3:1))	・USA_TSCA

14	Polybrominated diphenyl ethers (PBDEs) [Representative target substances] decaBDE （CAS No.1163-19-5） tetraBDE（Representative CAS No.40088-47-9） pentaBDE（Representative CAS No. 32534-81-9） hexaBDE（Representative CAS No.36483-60-0） heptaBDE（Representative CAS No.68928-80-3）	・REGULATION (EU) 2019/1021 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 20 June 2019 on persistent organic pollutants ・RoHS Directive 2011/65/EU ・USA_TSCA ・Japan Law Concerning the Evaluation of Chemical Substances (Class I Specified Chemical Substances)
15	UV-328	・Japan Law Concerning the Evaluation of Chemical Substances (Class I Specified Chemical Substances)
16	Dechlorane Plus	・Japan Law Concerning the Evaluation of Chemical Substances (Class I Specified Chemical Substances)
17	Perfluorohexane sulfonic acid (PFHxS), its salts and PFHxS- related compounds	・REGULATION (EU) 2019/1021 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 20 June 2019 on persistent organic pollutants
18	Azocolourants and Azo dyes which form certain aromatic amines	・EU REACH Regulation (Annex XVII)
19	Long-chain perfluorocarboxylic acids, their salts and related compounds （C9～C21 LC-PFCAs） [Representative target substances] PFNA (CAS No.375-95-1) PFDA (CAS No.335-76-2) PFUnDA (CAS No.2058-94-8) PFDoDA (CAS No.307-55-1) PFTrDA (CAS No.72629-94-8) PFTeDA (CAS No.376-06-7) PFPeDA (CAS No.141074-63-7) PFHxDA (CAS No.67905-19-5) PFHpDA (CAS No.57475-95-3) PFODA (CAS No.16517-11-6) PFNDA (CAS No.133921-38-7) PFECA (CAS No.68310-12-3) PFHenA (CAS No.2920913-30-8)	・REGULATION (EU) 2019/1021 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 20 June 2019 on persistent organic pollutants ・Japan Law Concerning the Evaluation of Chemical Substances (Class I Specified Chemical Substances)
20	Medium-chain chlorinated paraffins (MCCPs) [Representative CAS No.] 85535-85-9, 198840-65-2, 1372804-76-6	・REGULATION (EU) 2019/1021 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 20 June 2019 on persistent organic pollutants ・Japan Law Concerning the Evaluation of Chemical Substances (Class I Specified Chemical Substances)

5. Restricted Substances

Restricted Substances are the substances whose concentration values in the products are not permitted to exceed the maximum value defined legally. Meiko's restricted substances are shown in Table 2. Appendix 1 shows the examples and descriptions of these substances.

Even impurities shall not contain restricted substances exceeding maximum concentration values described in Table 2. Unless otherwise specified, the values in Table 2 are regarded as the thresholds.

If drawings, specifications or other documents regarding products to be procured include specific thresholds, those specifications are to be used. Note that the supplier has the responsibility to check and guarantee the content and concentration. If any of the products is found to contain restricted substances exceeding maximum concentration values, this will be regarded as a quality defect and the supplier shall assume liability for defect warranty as per the contract.

Note 1: In case there are new enforcement or revisions of treaties, laws, regulations, industry standards, etc., there may be temporary inconsistencies between the new requirements and specifications stated in this guideline. In such cases, new requirements shall take precedence and be complied with.

Note 2: Region specific chemical substances regulations of the destination country where Meiko products are to be delivered, shall be confirmed and complied with.

Table 2 Restrictions on Restricted Substances

No.	Name of Substance Group	Major Application or Scope		Threshold Note
1	Cadmium/ cadmium compounds	a	All applications (based on RoHS Directive 2011/65/EU)	*1
		b	Batteries (based on EU Batteries Regulation (EU) 2023/1542)	*2
		c	Packaging materials (based on EU Packaging and Packaging Waste Regulation (EU) 2025/40)	*3
2	Lead/ lead compounds	a	All applications (based on RoHS Directive 2011/65/EU)	*1
		b	Batteries (based on EU Batteries Regulation (EU) 2023/1542)	*2
		c	Packaging materials (based on EU Packaging and Packaging Waste Regulation (EU) 2025/40)	*3
3	Mercury/ mercury compounds	a	All applications (based on RoHS Directive 2011/65/EU)	*1
		b	Batteries (based on EU Batteries Regulation (EU) 2023/1542)	*2
		c	Packaging materials (based on EU Packaging and Packaging Waste Regulation (EU) 2025/40)	*3
		d	The Minamata Convention on Mercury	*7
4	Chromium VI compounds (other than metallic chromium and alloy)	a	All applications (based on RoHS Directive 2011/65/EU)	*1
		b	Packaging materials (based on EU Packaging and Packaging Waste Regulation (EU) 2025/40)	*3
5	Polybrominated biphenyls (PBBs)	All applications (based on RoHS Directive 2011/65/EU)		*1
6	Bis(2-ethylhexyl) phthalate (DEHP)	All applications (based on RoHS Directive 2011/65/EU)		*1
7	Butyl benzyl phthalate (BBP)	All applications (based on RoHS Directive 2011/65/EU)		*1
8	Dibutyl phthalate (DBP)	All applications (based on RoHS Directive 2011/65/EU)		*1
9	Diisobutyl phthalate (DIBP)	All applications (based on RoHS Directive 2011/65/EU)		*1
10	Nickel (scope: components that come into contact with the human body)	Especially for components that come into persistent contact with the human body (Based on EU REACH Regulation (Annex XVII))		*5
11	Dibutyltin (DBT) compounds	All applications (Based on EU REACH Regulation (Annex XVII))		*4
12	Dioctyltin (DOT) compounds	All applications (Based on EU REACH Regulation (Annex XVII))		*4
13	Tri-substituted organostannic compounds (tributyltin compounds, triphenyltin compounds)	All applications (Based on EU REACH Regulation (Annex XVII))		*4

14	Phthalates Group 1 Bis (2-ethylhexyl) phthalate (DEHP) Benzyl butyl phthalate (BBP) Dibutyl phthalate (DBP) Diisobutyl phthalate (DIBP)	All applications (Based on EU REACH Regulation (Annex XVII))	*6
15	Pentachlorophenol(PCP) and its salts and esters	All applications (Based on EU POPs Regulation (Annex I)	*8
16	Phthalates Group 2 (a) Di-'isononyl' phthalate (DINP) (b) Di-'isodecyl' phthalate (DIDP) (c) Di-n-octyl phthalate (DNOP)	Toys and childcare articles which can be placed in the mouth by children (Based on EU REACH Regulation (Annex XVII))	*9
17	Formaldehyde and formaldehyde-releasing substances	All applications (Based on EU REACH Regulation (Annex XVII))	*10
18	Polycyclic-aromatic hydrocarbons (PAHs) (a) Benzo[a]pyrene (BaP) (b) Benzo[e]pyrene (BeP) (c) Benzo[a]anthracene (BaA) (d) Chrysen (CHR) (e) Benzo[b]fluoranthene (BbFA) (f) Benzo[j]fluoranthene (BjFA) (g) Benzo[k]fluoranthene (BkFA) (h) Dibenzo[a,h]anthracene (DBAhA)	Rubber or plastic components that come into direct as well as prolonged or short-term repetitive, contact with the human skin or the oral cavity. (Based on EU REACH Regulation (Annex XVII))	*11

*1 : The threshold for Cadmium is 100 ppm (0.01wt%). The threshold of Lead, mercury, chromium VI, PBB, PBDE, DEHP, BBP, DBP, or DIBP is 1,000ppm (0.1wt%).
: The applications not listed in Table 2 shall be based on the Annex to the RoHS Directive.
: Please refer the latest information of Annex III and IV of EU RoHS directive for the exemptions.
: Meiko will only accept the exempted products/parts no later than six months prior to expiry date of exemptions.
: Duly consult the concerned division of Meiko and allow enough time for preparing the alternatives before discontinuing the delivery of particular products.
*2 : The threshold of cadmium is 20 ppm (0.002wt %). The threshold of mercury is 5 ppm (0.0005wt %). The threshold of lead is 100 ppm (0.01wt %).
: Denominator in calculating concentration is total weight of batteries.
*3 : The threshold of the total weight of cadmium, lead, mercury, and chromium VI is 100 ppm (0.01wt %).
*4 : The threshold of the concentration of the tin element of an article with respect to the weight is 1,000 ppm (0.1wt %)
*5 : The substances shall not be added intentionally.
*6 : The threshold of single or the total weight of four substances is 1,000 ppm (0.1wt %).
*7 : This Convention restricts the manufacturing of specific products containing mercury.
*8 : The threshold is 5 mg/kg (0.0005 % by weight)
*9 : The threshold is individually or in any combination of the phthalates in a concentration 0.1 % by weight
*10 : The threshold is 0.080 mg/m3 for articles other than furniture and wood-based articles.
*11 : The threshold is 1 mg/kg (0.0001 % by weight) of any of PAHs.

6. Managed Substances

Managed substances are the substances of very high concern (SVHCs) as defined by EU REACH regulation. Meiko's managed substances are the SVHCs listed in Declarable Substances List defined by IEC62474.

6.1 Providing Information about presence or absence of SVHCs

-Presence of SVHCs in the articles shall be determined and following steps should be taken:

(1) Supplier shall report without fail if the concentration value exceeds 0.1wt % in an article.

(2) Supplier shall report the concentration value to the best of its knowledge if the concentration value is lower or equal to 0.1wt %.

(3) If a SVHC is added, supplier shall immediately confirm the concentration value and report as per (1) or (2) above.

6.2 Report format for providing information on presence of SVHCs

- In case products are substances and preparations: Use chemSHERPA-CI format, or other formats are also accepted

- In case products are articles: Use chemSHERPA-AI format, or other formats are also accepted.

* Reporting the compliance information is mandatory.

6.3 Suggestion: Items in Scope of the Report providing the presence of SVHCs

- Items for which Meiko requires the investigation information.

7. Calculation of Concentration

7.1 Restricted Substances by EU RoHS directive

As per RoHS directive, concentration of restricted substances shall be managed per “Part” of a product.

Part means a homogeneous material of uniform composition throughout that cannot be mechanically separated into different materials. The concentration value in each part of the product should be lower than the specified threshold. The concentration value is calculated with mass of homogeneous material (part) including restricted substances as denominator and mass of restricted substances in homogeneous material as numerator. However, in case the restricted substances are metallic compounds, mass of only the metallic element will be taken as numerator}

7.2 “Banned Substances” and “Restricted Substances” by directives other than EU RoHS

Apart from the Banned Substances by RoHS mentioned in Table 1 and restricted substances in Table 2, supplier shall also comply with requirements set by other regulations for individual substances and calculate the concentration accordingly.

7.3 Managed Substances

The concentration of SVHCs defined by EU REACH regulation is not managed by homogeneous material (part) but by article constituting the products. When the concentration of any of the SVHCs contained in an article exceeds 0.1wt %, the supplier of the article is obliged to provide appropriate information for the recipient of the article to use it safely. Concentration is calculated by using the minimum unit mass of the article containing SVHC that constitutes the product as the denominator and the mass of SVHC contained in the article as the numerator. When different articles contain SVHCs, the concentration of each SVHC in all the articles must be controlled.

When the products are exported to the EU together with packaging materials such as boxes, the packaging materials are treated as individual items and the concentrations of SVHC in these items must also be controlled.

8. Request for Guarantee Submission

Meiko may ask supplier to submit a guarantee document certifying that none of the products supplied contains “banned substances” and “Restricted substances” more than the threshold. The submitted guarantee should be approved by the supplier’s representative. Even if a warranty was not submitted, the supplier can’t be excused from the liability of defect guarantee.

For managed substances, Meiko does not require the supplier to submit a guarantee as proof that the substance does not exceed the threshold.

9. Analysis Measurement

9.1 Banned Substances and Conditional Banned Substance

Meiko may perform acceptance test for the procured products to analyze and measure the restricted substances and substance groups. Further, Meiko can also request suppliers to perform these analysis and measurements. In case, result (including the analysis result obtained by Meiko's customer) of these analysis prove that product contains more value of banned substances than the threshold, Meiko will ask the suppliers to conduct a thorough investigation to determine the cause (this includes pursuit of liability for defect warranty).}

9.2 Managed Substances

In principle, Meiko does not require suppliers to conduct analyses and measurements for “managed substances”.

10. Exemption

In case Meiko has agreed upon certain exemption in writing or by other means, further if documents like drawings, specification etc. clarify the exemptions, those specifications hereof shall not apply.

11. Revision

The modifications made to specifications shall be posted on the Meiko Website regularly. However, specifications are subject to change without prior notice. Therefore, supplier must confirm for updates with the ordering department.

End

"Revision History"

Revision	Date	Reason	Approval	Review	Draft
01	2023/11/20	First edition	Inaba	Hoshino	Kudo
02	2024/04/01	Change of Company Name	Inaba	Hoshino	Kudo
03	2024/09/05	Change of the numbering system Added the following substances to Table 2 ・Pentachlorophenol (PCP) and its salts and esters ・Phthalates Group 2 (DIDP, DINP, DNOP) ・Formaldehyde and formaldehyde-releasing substances ・Polycyclic-aromatic hydrocarbons (PAHs)	Inaba	Hoshino	Kudo
04	2025/02/05	・Added UV-328 in Table 1 ・Added Dechlorane Plus in Table 1	Inaba	Hoshino	Kudo
05	2025/05/20	・Added Perfluorohexane sulfonic acid (PFHxS), its salts and PFHxS- related compounds to Table 1. ・"Azo dyes and pigments which form certain aromatic amines" was moved from Table 2 to Table 1 and changed to banned substances.	Inaba	Hoshino	Kudo
06	2026/05/20	・Expanded the scope of application to all entities under the Electronic Device Business ・Change 'DecaBDE' to 'PBDEs' in Table 1. Add 'REGULATION (EU) 2019/1021' and 'RoHS Directive 2011/65/EU' to the 'Key Applicable Law and Regulation' in Table 1. ・Delete 'Polybrominated diphenyl ethers (PBDEs)' in Table 2. ・Delete 'Table of Polybrominated Diphenyl Ethers (PBDEs)' in Appendix 1	Inaba	Hoshino	Kudo
07	2026/09/25	・Change '(EC) 850/2004' to '(EU) 2019/1021' under 'Key Applicable Law and Regulation' for No. 1, 2, 4, 9, and 11 in Table 1. ・Add 'Long-chain perfluorocarboxylic acids, their salts and related compounds' to No. 19 in Table 1. ・Added "Medium-chain chlorinated paraffins" to No. 20 of Table 1 ・Change 'EU Packaging and Packaging Waste Directive 94/62/EC' to 'EU Packaging and Packaging Waste Regulation (EU) 2025/40' under 'Major Application or Scope' for No. 1 through No. 4 in Table 2. ・Delete "C9-C14 PFCAs and their salts' from Table 2. ・Delete "C9-C14 PFCA-related substances" from Table 2. ・Delete "Table of C9-C14 PFCAs and their Salts" and "Table of PFCA-related substances" in Appendix 1.	Inaba	Hoshino	Kudo

【Appendix 1】Restricted Substance

The following list shows citation in the DSL of IEC 62474. For the latest information, please refer Reference Substance List (RSL) at the following IEC62474 website.

http://std.iec.ch/iec62474/iec62474.nsf/Index?open&q=042318

Table of Cadmium/ Cadmium Compounds

Name	CAS No.
Cadmium	7440-43-9
Cadmium oxide	1306-19-0
Cadmium sulfide	1306-23-6

Table of Lead/Lead Compounds

Name	CAS No.
Lead	7439-92-1
Lead (II) sulfate	7446-14-2
Lead (II) carbonate	598-63-0
Lead hydrocarbonate	1319-46-6
Lead (II) acetate, trihydrate	6080-56-4
Lead phosphate	7446-27-7
Lead selenide	12069-00-0
Lead (IV) oxide	1309-60-0
Lead (II,IV) oxide	1314-41-6
Lead (II) sulfide	1314-87-0
Lead (II) phosphate	7446-27-7
Lead (II) titanate	12060-00-3
Lead sulphate, tribasic	12202-17-4
Lead stearate	1072-35-1
Lead (II) chromate	7758-97-6
Lead chromate molybdate sulphate red	12656-85-8
Lead sulfochromate yellow	1344-37-2

Table of Mercury/Mercury Compounds

Name	CAS No.
Mercury	7439-97-6
Mercuric chloride	33631-63-9
Mercuric sulfate	7783-35-9
Mercuric nitrate	10045-94-0
Mercuric (II) oxide	21908-53-2
Mercuric sulfide	1344-48-5

Table of Hexavalent Chromium Compounds

Name	CAS No.
Barium chromate	10294-40-3
Calcium chromate	13765-19-0
Strontium chromate	7789-06-2
Zinc chromate	13530-65-9

Table of Polybrominated Biphenyls (PBBs)

Name	CAS No.
Polybrominated Biphenyls	59536-65-1
Dibromobiphenyl	92-86-4
2-Bromobiphenyl	2052-07-5
3-Bromobiphenyl	2113-57-7
4-Bromobiphenyl	92-66-0
Tribromobiphenyl	59080-34-1
Tetrabromobiphenyl	40088-45-7
Pentabromobiphenyl	563-7-79-0
Hexabromobiphenyl	59080-40-9
hexabromo-1,1-biphenyl	36355-01-8
Firemaster FF-1	67774-32-7
Octabromobiphenyl	61288-13-9
Nonabiphenyl	27753-52-2
Decabromobiphenyl	13654-09-6

Table of Azocolorants and Azo dyes Which Form Certain Aromatic Amines

Name	CAS No.
Biphenyl-4-ylamine	92-67-1
Benzidine	92-87-5
4-chloro-o-toluidine	95-69-2
2-naphthylamine	91-59-8
o-aminoazotoluene	97-56-3
5-nitro-o-toluidine	99-55-8
4-chloroaniline	106-47-8
4-methoxy-m-phenylenediamine	615-05-4
4,4'-methylenedianiline	101-77-9
3,3'-dichlorobenzidine	91-94-1
3,3'-dimethylbenzidine	119-93-7
4,4'-methylenedi-o-toluidine	838-88-0
6-methoxy-m-toluidine	120-71-8
4,4'-methylene-bis(2-chloroaniline)	101-14-4
4,4'-oxydianiline	101-80-4
4,4'-thiodianiline	139-65-1
o-toluidine	95-53-4
4-methyl-m-phenylenediamine	95-80-7
2,4,5-trimethylaniline	137-17-7
o-anisidine	90-04-0
4-amino azobenzene	60-09-3

Table of Tri-substituted organotin compounds

Name	CAS No.
Triphenyltin-N, N-dimethyldithiocarbamate	1803-12-9
Triphenyltinfluoride	379-52-2
Triphenyltinacetate	900-95-8
Triphenyltinchloride	639-58-7
Triphenyltinhydroxide	76-87-9
Triphenyltin fattyacid((9-11)salt)	18380-71-7 18380-72-8 47672-31-1 94850-90-5
Triphenyltinchloroacetate	7094-94-2
Tributyltinmethacrylate	2155-70-6
Bis(tributyltin)fumalate	6454-35-9
Tributyltinfluoride	1983-10-4
Bis(tributyltin)2,3-dibromosuccinate	31732-71-5
Tributyltinacetate	56-36-0
Tributyltinlaurate	3090-36-6
Bis(tributyltin)phthalate	4782-29-0
Tributyltinsulfamate	6517-25-5
Bis(tributyltin)maleate	14275-57-1
Tributyltinchloride	1461-22-9 7342-38-3
Tributyltin cyclopentane carbonate=mixture	85409-17-2
Tributyltin-1, 2,3,4,4a, 4b, 5,6,10,10a-decahydro-7-isoplopyl-1, 4a-dimethyl-1-	26239-64-5
Other tri-substituted organostannic compounds	–

Table of Dibutyltin (DBT) compounds

Name	CAS No.
Dibutyltin oxide	818-08-6
Dibutyltin diacetate	1067-33-0
Dibutyltin dilaurate	77-58-7
Dibutyltin maleate	78-04-6
Other dibutyltin compounds	–

Table of Dioctyltin (DOT) compounds

Name	CAS No.
Dioctyl Tin Oxide	870-08-6
Dioctyltin dilaurate	3648-18-8
Other Dioctyltin compounds	–

End