

CODEX TM List of substances not to be present in an AHP in a higher concentration than the respective guidance value

	Dioxins and Furans and Dioxin-like Polychlorinated Biphenyls			PAHs	Phenols	Phthalates	Pesticides	Organotins	Formaldehyde	Metals
Dermal penetration*	60% to 10% <1% to <0.01% < 10 to 1%									
Trace chemicals	Dibenzo-p-dioxins (PCDDs)	Dibenzofurans (PCDFs):	DL-PCBs:							
	2,3,7,8-TCDD (CAS 1746-01-6)	2,3,7,8-TCDF (CAS 51207-31-9)	Non-ortho PCBs:	Benzo(a)anthracene (CAS 56-55-3)	Bisphenol A (CAS 80-05-7)	DINP (CAS 28553-12-0)	Glyphosate (CAS 1071-83-6)	Monobutyltin (CAS 78763-54-9)	Formaldehyde (CAS 50-00-0)	Antimony (CAS 7440-36-0)
	1,2,3,7,8-PeCDD (CAS 40321-76-4)	1,2,3,7,8-PeCDF (CAS 57117-41-6)	PCB 77 (CAS 32598-13-3)	Benzo(a)pyrene (CAS 50-32-8)	Nonylphenol-diethoxylate	DEHP (CAS 117-81-7)	AMPA (CAS 1066-51-9)	Dibutyltin (CAS 1002-53-5)		Cadmium (CAS 7440-43-9)
	1,2,3,4,7,8-HxCDD (CAS 39227-28-6)	2,3,4,7,8-PeCDF (CAS 57117-31-4)	PCB 81 (CAS 70362-50-4)	Benzo(e)pyrene (CAS 192-97-2)	Nonylphenol	DNOP (CAS 117-84-0)	Quintozene (CAS 82-68-8)	Triphenyltin (CAS 668-34-8)		Chromium (CAS 7440-47-3)
	1,2,3,6,7,8-HxCDD (CAS 57653-85-7)	1,2,3,4,7,8-HxCDF (CAS 70648-26-9)	PCB 126 (CAS 57465-28-8)	Chrysene (CAS 218-01-9)		DIDP (CAS 26761-40-0/ 68515-49-1)	Hexachlorobenzene (CAS 118-74-1)	Diocetyl tin (CAS 15231-44-4)		Lead (CAS 7439-92-1)
	1,2,3,7,8,9-HxCDD (CAS 19408-74-3)	1,2,3,6,7,8-HxCDF (CAS 57117-44-9)	PCB 169 (CAS 32774-16-6)	Benzo(b)fluoranthene (CAS 205-99-2)		BBP (CAS 85-68-7)		Monooctyltin (CAS 15231-57-9)		Mercury (CAS 7439-97-6)
	1,2,3,4,6,7,8-HpCDD (CAS 35822-46-9)	1,2,3,7,8,9-HxCDF (CAS 72918-21-9)	Mono-ortho PCBs:	Benzo(k)fluoranthene (CAS 207-08-9)		DBP (CAS 84-74-2)		Tributyltin (CAS 688-73-3)		
	OCDD (CAS 3268-87-9)	2,3,4,6,7,8-HxCDF (CAS 60851-34-5)	PCB 105 (CAS 32598-14-4)	dibenzo(a,h)anthracene (CAS 53-70-3)		DiBP (CAS 84-69-5)				
		1,2,3,4,6,7,8-HpCDF (CAS 67562-39-4)	PCB 114 (CAS 74472-37-0)	Benzo[j]fluoranthene (CAS 205-82-3)		DIHP (CAS 71888-89-6)				
		1,2,3,4,7,8,9-HpCDF (CAS 55673-89-7)	PCB 118 (CAS 31508-00-6)	Benzo[g,h,i]perylene (CAS 191-24-2)		BMEP (CAS 117-82-8)				
		OCDF (CAS 39001-02-0)	PCB 123 (CAS 65510-44-3)	Indeno[1,2,3-cd]pyrene (CAS 193-39-5)		DPP/DIPP (CAS 605-50-5)				
			PCB 156 (CAS 38380-08-4)	Phenanthrene (CAS 85-01-8)		DnPP (CAS 131-18-0)				
			PCB 157 (CAS 69782-90-7)	Pyrene (CAS 129-00-0)		DnHP (CAS 84-75-3)				
			PCB 167 (CAS 52663-72-6)	Anthracene (CAS 120-12-7)		DMP (CAS 131-11-3)				
			PCB 189 (CAS 39635-31-9)	Fluoranthene (CAS 206-44-0)		DHNUP (CAS 68515-42-4)				
				Naphthalene (CAS 91-20-3)		DCHP (CAS 84-61-7)				
						DHxP (CAS 68515-50-4)				
						DIHxP (CAS 71850-09-4)				
						DIOP (CAS 27554-26-3)				
					DPrP (CAS 131-16-8)					
					DNP (CAS 84-76-4)					
					1,2-benzenedicarboxylic acid, di-C6-10 alkyl esters (CAS 68515-51-5)					
					1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters (CAS 68648-93-1)					
Guidance values**	2ng/kg sum TEQ of the detected congeners of PCDDs, PCDFs and DLPCBs			0,2 mg/kg each	0,001% (BPA) 10mg/kg (each Nonylphenol and Nonylphenol-diethoxylate)	0,01% each	0,5 mg/ kg each	2ppb (TBT) 10 ppb (other organotins-each)	16mg/kg	Sb: 30mg/kg ; Cd: 0,1mg/kg; Cr: 1mg/kg; Pb: 0,2mg/kg; Hg: 0.02 mg/kg
Analytical method	EDANA NWSP 360 parts 1-3									

Notes:

**the dermal penetration (based on dermal absorption estimates and toxicity classification) is in general and specific values would apply where data exists

*Regulatory references:

Dioxin,Furans and Dioxin-like Polychlorinated Biphenyls : Reference value adapted from Regulation EC 1259/2011 on contaminants in foodstuff (infant food) taking into account that the systemic exposure via skin uptake is likely 10 % of the oral exposure

PAHs: Recommendation BfR/German BauA AfPs

BPA: REACH restriction proposal on bisphenols

Nonylphenols: Oeko-Tex-Standard 100, annex 4

Phthalates: Oeko-Tex® Standard 100, annex 6

Pesticides, Formaldehyde, Metals : Oeko-Tex® Standard 100, annexes 4 & 6

Organotins: EDANA guideline

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