

Substances of Concern List

Version 6

A wide variety of chemicals is required in the manufacturing of semiconductors, some of which are hazardous substances.

At Infineon Technologies AG, we responsibly manage the handling of Substances of Concern (SoC) to safeguard human health and environmental protection, as well as human rights, fair business practices and others reflected in our Principles of Purchasing.

Independent of the supplier's obligation to comply with the requirements of applicable regulations, Infineon Technologies AG requires the declaration of substances referred to in the following lists of regulations and substances.

Infineon Technologies AG recognizes the need to identify and control the materials and substances used in its products and sales packaging, applying these mandatory requirements worldwide.

The supplier shall provide the filled in and signed reporting letter "Declaration on Substances of Concern" ¹⁾ to Infineon Technologies AG, Dept. Business Continuity (MatQ), Am Campeon 1-15, D-85579 Neubiberg, Germany or email to ICP-support@infineon.com.

The Infineon Technologies AG Substance of Concern list is subject to change in light of further scientific evidence, legislation or other facts. It is the responsibility of the supplier to check for changes in the Substance of Concern list, prior to any product delivery to Infineon Technologies AG, and provide an updated "Supplier Declaration on SoC" accordingly.

Further, the supplier is responsible to update the Supplier Declaration on SoC in case of any changes in the material composition of the products and packing delivered to Infineon Technologies AG.

¹⁾ <https://www.infineon.com/about/company/sustainability/products-material-declaration>

These substances are regulated by Laws and standards

Substances & Regulations		Thresholds & Requirements		
Substance Groups	Regulations	Classification	Reason	Threshold
1 REACH and its amendments	(EC) 1907/2006	B/R	LR	in accordance with the regulations
2 Restricted under REACH	REACH Annex XVII	B/R	LR	in accordance with the regulations
3 Authorized under REACH	REACH Annex XIV	B/R	LR/FI	in accordance with the regulations
4 Substance of Very High Concern (SVHC) under REACH (Candidate List)	REACH cSVHC	B/R	LR	in accordance with the regulations
5 RoHS (2015)	(EU) 2015/863	B/R	LR	in accordance with the regulations
6 Global Automotive Declarable Substance List (GADSL)	GADSL	B/R	LR/FI	in accordance with the regulations stated in GADSL
7 Ozone Depleting Substances (ODS)	(EU) 2024/590	B	LR	in accordance with the regulations
	Montreal Protocol			
8 Listed in the Safe Drinking Water and Toxic Enforcement Act of 1986	Proposition 65	B/R	LR/FI	in accordance with the regulations
9 Persistent Organic Pollutants (POP)	(EU) 2019/1021/EU	B/R	LR	in accordance with the regulations
10 Conflict Minerals	(EU) 2017/821	B/R	LR	in accordance with the regulations
	Dodd–Frank Wall Street Reform and Consumer Protection Act			
11 Greenhouse Gases	(EU) 2024/573	B	LR	in accordance with the regulations
12 Radioactive Substances	2013/59/Euratom	B/R	LR	in accordance with the regulations
	NRC Regulation Title 10			
	NRA Act No.167 of 1957			
13 Local chemical control laws	Japan: CSCL	B/R	LR/FI	in accordance with the regulations
	Norway: FOR-2004-06-01-922	B/R	LR	
	Canada: Prohibition of Certain Toxic Substances Regulations SOR 2012/285	B/R	LR	
	German: ChemVerbotV	B/R	LR	

		USA: US TSCA 40 CFR 721.1660 part of Toxic Substances Control Act (TSCA)	B/R	LR	
14	Nanoparticles	2011/696/EU France; Belgium; Denmark; Norway; Sweden	Reportable	LR	in accordance with the regulations
15	Packaging directives	Packaging and Waste: 94/62/EC Classification, Labelling and Packaging: 1272/2008/EC	R R	LR LR	in accordance with the regulations
16	Biocidal products	EU/528/2012	B/R	LR	in accordance with the regulations
17	Volatile Organic Compounds (VOC)	China: GB 30981-2020 for industrial protective coatings GB 33372-2020 for VOCs in adhesive GB 38507-2020 for VOCs in printing ink GB 38508-2020 for VOCs in cleaning agent USA: VOC regulations by EPA Hong Kong: Air Pollution Control	B/R B/R B/R B/R B/R B/R	LR LR LR LR LR LR	in accordance with the regulations
18	Substances on IEC 62474 database	IEC 62474	B/R	LR/FI	in accordance with the database
19	40 CFR Part 751 Regulation of Persistent, Bioaccumulative, and Toxic Chemicals Under TSCA Section 6(h)	TSCA Regulations	B/R	LR	in accordance with regulations
20	Perfluoroalkyl and Polyfluoroalkyl Substances	TSCA Section 8(a)(7) Reporting and Recordkeeping Requirements for Perfluoroalkyl and Polyfluoroalkyl Substances	R	LR	in accordance with regulations

B = Banned
R = Restricted
LR = Legally Required
FI = For Information

These substances are regulated by Infineon

	Substances	CAS-no.	Reason	Reporting Thresholds ²⁾ (Any content greater than)
1	Antimony and Antimony compounds	Several	FI	0 ppm
2	Arsenic and Arsenic compounds	Several	FI	25 ppm
3	Benzidine and Benzidine based substances	Several	FI	0 ppm
4	Beryllium and Beryllium compounds	Several	FI	0 ppm
5	Bismuth and Bismuth compounds	Several	FI	1000 ppm
6	Boron and Boron compounds	Several	FI	1000 ppm
7	Brominated and Chlorinated compounds (if not specific listed)	Several	FI	900 ppm
8	Cadmium and Cadmium compounds	Several	FI	2 ppm
9	Chlorinated Paraffins (CP)	Several	FI	0 ppm
10	Chromium (Cr) and its compounds	Several	FI	0.2 ppm
11	Cyanide and Nitrile compounds	Several	FI	0 ppm
12	Diethylenetriaminepentaacetic acid (DTPA)	67-43-6	FI	0 ppm
13	Dimethyl Fumarate	624-49-7	FI	0 ppm
14	Disperse dyes	Several	FI	1000 ppm
15	Ethylenediaminetetraacetic acid (EDTA)	60-00-4	FI	0 ppm
16	Halogenated Flame Retardant (other than PBBs and PBDEs)	Several	FI	0 ppm
17	Halogenated polycyclic aromatic hydrocarbons	Several	FI	0 ppm
18	Isocyanates	Several	FI	1000 ppm
19	Lead and Lead compounds	Several	FI	0 ppm
20	Long-chain perfluorocarboxylic acid (LCPFCA) C9-C20 and its salts and related substances	Several	FI	0 ppm
21	Mercury and Mercury compounds	Several	FI	0 ppm
22	Mica/ Muscovite/ Glimmer	Several	FI	0 ppm
23	Nickel and its compounds	Several	FI	0 ppm
24	Per- and polyfluoroalkyl substances (PFAS) ³⁾ https://www.federalregister.gov/documents/2023/10/11/2023-22094/toxic-substances-control-act-reporting-and-recordkeeping-requirements-for-perfluoroalkyl-and	Several	FI	0 ppm
25	Perchlorates	Several	FI	0 ppm
26	Perfluorohexane sulfonic acid (PFHxS) and its salts and related substances	Several	FI	0 ppm
27	Perfluorohexanoic acid (PFHxA) and its salts and related substances	Several	FI	0 ppm
28	Perfluorooctane sulfonates (PFOS)	Several	FI	0 ppm
29	Phenol and Phenol compounds	Several	FI	0 ppm
30	Phosphorus and Phosphorus compounds	Several	FI	0 ppm
31	Phthalates	Several	FI	0 ppm
32	Polybrominated Biphenyls (PBBs)	Several	FI	0 ppm

33	Polybrominated Diphenyl Ethers (PBDEs)	Several	FI	0 ppm
34	Polychlorinated Biphenyls and Terphenyls (PCBs, PCTs)	1336-36-3 61788-33-8	FI	0 ppm
35	Polycyclic Aromatic Hydrocarbons (PAH); 16 Isomeres	Several	FI	0 ppm
36	Polyvinyl Chloride (PVC) and Vinyl Chloride	9002-86-2 75-01-4	FI	0 ppm
37	Sulphur	7704-34-9	FI	0 ppm
38	Tar oils and Creosotes	Several	FI	0 ppm
39	Tellurium and Tellurium compounds	Several	FI	1000 ppm
40	Tetrachloroethylene	127-18-4	FI	0 ppm
41	Toluene	108-88-3	FI	16 ppm

²⁾: “0 ppm“ means any intentional and non- intentional content has to be reported towards Infineon (ICP-support@infineon.com) using the document “ [Supplier declaration on Substances of concern](#)”.

³⁾: “Per-and polyfluoroalkyl substances (PFAS): any chemical or material containing at least one -CF₂- and/or -CF₃ moiety.”