

List of Regulations with Substances of Very High Concern <u>generally prohibited</u> in BSH products								
Version 8.2		The actuality of the document must be checked in OrgDoku.					Status: 2026-02-03	
Non-exhaustive summary of legal bans or restrictions of Substances of Very High Concern (SVHC) in home appliances and products marketed by BSH – Global minimum requirement								
Legal act (shortcut)	Legal act (reference; in the current edition including all valid amendments)	Substance name or group	CAS no.	Threshold value (wt.% or (mg/kg) ¹⁾	Exemptions	Affected applications (appliances, chemical products, packaging etc.)	Region or Country of origin	Remarks
POP	Regulation (EU) 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants	according to Annexes I - IV	several	specific to substance	no	All applications	EU	Implementing the Stockholm Convention on Persistent organic pollutants
Montreal protocol	Montreal Protocol on Substances that Deplete the Ozone Layer	according to Annexes A - F	several	n.g.	yes	All applications	UN	
RoHS	Directive 2011/65/EU of the European Parliament and of the Council on the restriction of the use of certain hazardous substances in electrical and electronic equipment; including all amendments	Lead Lead compounds	7439-92-1	0.1 %	yes	All applications, e.g. solders, alloy in copper, aluminium and steel	EU	
RoHS	Directive 2011/65/EU of the European Parliament and of the Council on the restriction of the use of certain hazardous substances in electrical and electronic equipment; including all amendments	Cadmium Cadmium compounds	7440-43-9	0.01 %	yes	All applications, e.g. metal surface coating, pigments and stabilizers in plastics	EU	
RoHS	Directive 2011/65/EU of the European Parliament and of the Council on the restriction of the use of certain hazardous substances in electrical and electronic equipment; including all amendments	Mercury Mercury compounds	7439-97-6	0.1 %	yes	All applications, e.g. lamps	EU	
RoHS	Directive 2011/65/EU of the European Parliament and of the Council on the restriction of the use of certain hazardous substances in electrical and electronic equipment; including all amendments	Hexavalent chromium (Cr ^{VI})	18540-29-9	0.1 %	yes	All applications, e.g. metal surface coating	EU	
RoHS	Directive 2011/65/EU of the European Parliament and of the Council on the restriction of the use of certain hazardous substances in electrical and electronic equipment; including all amendments	Polybrominated biphenyls (PBB)	n.a.	0.1 %	no	All applications, e.g. flame retardant	EU	
RoHS	Directive 2011/65/EU of the European Parliament and of the Council on the restriction of the use of certain hazardous substances in electrical and electronic equipment; including all amendments	Polybromodiphenyl ethers (PBDE)	n.a.	0.1 %	no	All applications, e.g. flame retardant	EU	
RoHS	Directive 2011/65/EU of the European Parliament and of the Council on the restriction of the use of certain hazardous substances in electrical and electronic equipment; including all amendments	Di-(2-ethylhexyl)phthalate (DEHP)	117-81-7	0.1 %	no	All applications, e.g. softener	EU	
RoHS	Directive 2011/65/EU of the European Parliament and of the Council on the restriction of the use of certain hazardous substances in electrical and electronic equipment; including all amendments	Di-n-butyl phthalate (DBP)	84-74-2	0.1 %	no	All applications, e.g. softener	EU	
RoHS	Directive 2011/65/EU of the European Parliament and of the Council on the restriction of the use of certain hazardous substances in electrical and electronic equipment; including all amendments	Di-isobutyl phthalate (DIBP)	84-69-5	0.1 %	no	All applications, e.g. softener	EU	
RoHS	Directive 2011/65/EU of the European Parliament and of the Council on the restriction of the use of certain hazardous substances in electrical and electronic equipment; including all amendments	Benzyl butyl phthalate (BBP)	85-68-7	0.1 %	no	All applications, e.g. softener	EU	
REACH Annex XVII	Regulation 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)	several, according to specific entries in Annex XVII (see remarks)		as defined in specific entries		As defined in specific entries of Annex XVII (see remarks) and so far applicable to delivered parts or products	EU	https://echa.europa.eu/de/substances-restricted-under-reach
REACH Annex XVII	Regulation 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex XVII, Entry 50	Polycyclic aromatic hydrocarbons (PAH) : Benzo[a]pyrene (BaP) Dibenzo[a,h]anthracene (DBaHa) Benzo[a]anthracene (BaA) Chrysen (CHR) Benzo[j]fluoranthene (BjFA) Benzo[b]fluoranthene (BbFA) Benzo[k]fluoranthene (BkFA) Benzo[e]pyrene (BeP)	50-32-9 53-70-3 56-55-3 218-01-9 205-82-3 207-08-9 192-97-2 205-99-2	1 mg/kg (0.0001 %) of any of the listed PAHs	no	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, under normal or reasonably foreseeable conditions of use	EU	
PPWR	Packaging and Packaging Waste Regulation (EU) 2025/40	Cadmium and its compounds, Mercury and its compounds, Lead and its compounds, Hexavalent chromium (Cr ^{VI})	7440-43-9 et al. 7439-97-6 et al. 7439-92-1 et al. 18540-29-9	0.01 % (total sum of all substances)	no	Packaging and packaging components	EU	Cadmium shall not be used in plastic materials or in paints, Mercury shall not be used for preservation of wood; both requirements extended by BSH to all packaging materials

Appendix 1 to Group Regulation HQ_R_428 Material Compliance of Products

Legal act (shortcut)	Legal act (reference; in the current edition including all valid amendments)	Substance name or group	CAS no.	Threshold value (wt.% or (mg/kg) ¹⁾	Exemptions	Affected applications (appliances, chemical products, packaging etc.)	Region or Country of origin	Remarks
EC 1005/2009	Regulation (EC) No 1005/2009 on Substances that deplete the ozone layer	Methyl bromide (Bromomethan)	74-83-9	n.g.	no	Packaging and packaging components	EU	
FR 2020-1725	French Decree N° 2020-1725 specified in Articles D. 543-45-1 and D. 543-213 of the Environmental Code	Mineral oil aromatic hydrocarbons (MOAH) with 1 to 7 aromatic rings		0.1% by mass, or if compounds with 3 to 7 aromatic rings exceed 1 mg/kg in the ink	no	Packaging and packaging components	FR	Printing inks to be used that are formulated without mineral oils
FR 2020-1725	French Decree N° 2020-1725 specified in Articles D. 543-45-1 and D. 543-213 of the Environmental Code	Mineral oil saturated hydrocarbons (MOSH) with 16 to 35 carbon atoms		0.1% by mass	no	Packaging and packaging components	FR	Printing inks to be used that are formulated without mineral oils
Batteries	Regulation (EU) 2023/1542 of the European Parliament and of the Council of 12 July 2023 concerning batteries and waste batteries	Cadmium and its compounds	7440-43-9 et al.	0.002 %		Portable batteries and accumulators	EU	
Batteries	Regulation (EU) 2023/1542 of the European Parliament and of the Council of 12 July 2023 concerning batteries and waste batteries	Mercury and its compounds	7439-97-6 et al.	0.0005 %		Batteries and accumulators	EU	
Batteries	Regulation (EU) 2023/1542 of the European Parliament and of the Council of 12 July 2023 concerning batteries and waste batteries	Lead and its compounds	7439-92-1 et al.	0.01 %	yes	Portable batteries and accumulators, but not portable zinc-air button cells	EU	
TSCA	US Toxic Substances Control Act, Section 6, Code of Federal Regulations (CFR) Title 40, Part 751, Subpart E	Phenol, Isopropylated Phosphate 3:1 (PIP 3:1)	68937-41-7	0 %	yes	All applications	US	Exemption for lubricants, greases and recycled plastics
TSCA	US Toxic Substances Control Act, Section 6, Code of Federal Regulations (CFR) Title 40, Part 751, Subpart E	Pentachlorothiophenol (PCTP)	133-49-3	1 %	yes	All applications	US	
TSCA	US Toxic Substances Control Act, Section 6, Code of Federal Regulations (CFR) Title 40, Part 751, Subpart E	Decabromodiphenyl ether (DecaBDE)	1163-19-5	0 %	yes	All applications	US	Exemption for recycled plastic; DecaBDE also covered by POP with threshold of 0,001 %
Minn. Cookware	Minnesota House File No. 2310: Restriction on PFAS, Lead, and Cadmium in Products, and Food Package Labelling	PFAS	several		no	Handles and Food Contact Materials in Cookware (acc. to US laws)	US	
<i>End of list</i>								

Notes

1) Referring to the article as such as defined by EU REACH, Art. 3; entry "n.g." (not given) means that no limit value applies; the respective analytical detection limit has to be considered

Changes from the previous version 8.1 are highlighted in yellow.

List of Substances of Very High Concern to be **phased out** or to be **avoided** in BSH products

Version 8.2

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Substances of Very High Concern (SVHC) banned according to BSH Material and Substance Strategy in home appliances and products marketed by BSH.
SVHC shall not be intentionally added or contaminations not above treshold. If application or contamination cannot be avoided for technical reasons an internal exemption is necessary.

Substance name or group	CAS no.	Threshold value (wt.% or (mg/kg) ¹⁾	Planned phase-out date ²⁾	Affected applications (appliances, chemical products, packaging etc.)	Legal act or Requirement (shortcut)	Legal act or Requirement (reference; in the current edition including all valid amendments)	Remarks
Per-and Polyfluorinated substances (PFAS) in Food Contact Materials	several	0,1%	2026	All applications	BSH Strategy	BSH Substance Strategy, approved 2021 and reviewed 2026, considering upcoming bans in US and EU. PFAS are defined by OECD as "any substance that contains at least one fully fluorinated methyl (CF3-) or methylene (-CF2-) carbon atom. A consolidated list is provided by US EPA under https://comptox.epa.gov/dashboard/chemical-lists/pfasmaster	
Per-and Polyfluorinated substances (PFAS)	several	0,1%	2026	All applications	BSH Strategy	BSH Substance Strategy, approved 2021 and reviewed 2026, considering upcoming bans in US and EU. PFAS are defined by OECD as "any substance that contains at least one fully fluorinated methyl (CF3-) or methylene (-CF2-) carbon atom. A consolidated list is provided by US EPA under https://comptox.epa.gov/dashboard/chemical-lists/pfasmaster	
Fluorinated gases (F-gases) in purchased appliances	several	0,1%	2026	All applications	BSH Strategy	BSH Substance Strategy, approved 2021 and reviewed 2026, with regard to Regulation (EU) 2024/573 of the European Parliament and of the Council on fluorinated greenhouse gases; including all future amendments. Considering Montreal and Kyoto protocol and including especially plastics which are foamed with chlorofluorocarbons (CFC) or hydrochlorofluorocarbons (HCFC).	
SVHC of EU REACH candidate list	several	0,1%	2030	All applications	BSH Strategy	BSH Substance Strategy, approved 2021, reviewed 2026, with regard to Art. 59 of Regulation 1907/2006 the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)	
Halogenated flame retardants (HFR)	several	0,1%	2032	All applications	BSH Strategy	BSH Substance Strategy, approved 2021 with target on <u>brominated</u> flame retardants (FR). Strategy enhanced to <u>halogenated</u> FR, with regard to external requirements and considering restrictions in REACH et al., and reviewed 2026.	
End of list							

Notes

1) Valid for substances that are not intentionally added; values referring to the article as such as defined by EU REACH, Art. 3

2) According to technical feasibility

Changes from the previous version 8.1 are highlighted in yellow.