

N2580-PT

VERSION: 12TH OF JULY 2021

THIS IS A „READ ONLY“ VERSION OF N2580-PT FOR PUBLIC INFORMATION.

For declaration purposes please proceed with CDX or with the Excel template (provided by the Bosch Purchasing department)

REACH

Is the regulation applicable? Always



Version 2021-07-12

Commitment

Annex XIV

"List of substances subject to authorisation"

Substances listed in Annex XIV of EU Reach need authorization by ECHA before usage. Those substances are prohibited for Bosch Power Tools and must not be contained in materials delivered to Power Tools.

Annex XVII

"Prohibition of substances"

All materials delivered to Bosch Power Tools shall comply with the prohibitions of substances listed in annex 17 of EU-REACH. The supplier is obliged to track Reach Annex XVII regularly (e.g. on ECHA homepage) and to inform Bosch purchasing contact immediately if they receive information that any of the substances stated in Reach Annex XVII may be included in supplied material.

REACH: <https://echa.europa.eu/regulations/reach/understanding-reach>

List of substances restricted under REACH: <https://echa.europa.eu/substances-restricted-under-reach>

comment:

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REACH SVHC



Is the regulation applicable? Always

Commitment

SVHC Candidate List

We do not accept substances of the SVHC-list above 0,1% in products or their spare parts. The supplier is obliged to track SVHC candidate list regularly (e.g. on ECHA homepage) and to inform Bosch purchasing contact immediately if they have information that any substance stated in SVHC-candidate list may be included in supplied material (≥ 0,1 %).


REACH: <https://echa.europa.eu/regulations/reach/understanding-reach>

SVHC list: <https://echa.europa.eu/candidate-list-table>

Request of Information acc. to Article 33 of Regulation (EC) No 1907/2006 (REACH):

Name of SVHC substance	CAS number	Concentration of ingredient [mass%]	Designation of the material that contains the regulated substance

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POP ordinance and GS regulation										
 Version 2021-07-12										
Is the regulation applicable? Always										
Regulated substances	CAS number	Ltd./D	Limit value [max.%]	Concentration of ingredient	Designation of the material that contains the regulated substance	Examples occurrence	comment	Entry - included (E) - changed (C)	test report enclosed (optional)	Method of measurement
POP ordinance 850/2004, 2015/2030										
Chloralkene C10-C13 (SCCP)	85335-84-8	Ltd	0.15 % w/w			in plastic and elastomer parts	POP ordinance 2019/1021, 2015/2030	E2016 C2021		GC-MS
PFDA, it's salts, & PFDA-related compounds	335-67-1	Ltd	0.025 mg/kg			in cable insulation, PTFE application parts, water and oil repellent coating	POP ordinance (EU) 2019/1021 (EU) 2020/784	E2020		GC-MS LC-MS
Polychlorinated biphenyl (PCB)	Material group	Ltd	Prohibition to use, exceptions see regulations			Flame retardants	Persistent organic pollutants (POP), Regulation (EC) No 850/2004, 757/2010 Stockholm Convention	E2021		GC-MS
PAH (polycyclical aromatic hydrocarbons)										
For operating elements such as soft grips or switches the Bosch business division PT is allowed to demand that all below listed 15 PAH remain under the detection limit of 0,1PPM (PAH-free). The requirement "PAH-free" will then be agreed separately in the parts specifications or by an agreement/contract between supplier and PT. In all other cases the following limit values have to be met.										
Benzo[a]pyrene	50-32-8	Ltd	< 0.5 mg/kg (< 0.5 ppm)				REACH Annex XVII / AIPS GS 2019-01 PAK	C2015		AIPS GS 2019-01 PAK
Benzo[a]pyrene	192-97-2	Ltd	< 0.5 mg/kg (< 0.5 ppm)				REACH Annex XVII / AIPS GS 2019-01 PAK	C2015		AIPS GS 2019-01 PAK
Benzo[a]anthracene	56-55-3	Ltd	< 0.5 mg/kg (< 0.5 ppm)				REACH Annex XVII / AIPS GS 2019-01 PAK	C2015		AIPS GS 2019-01 PAK
Benzo[b]fluoranthene	205-99-2	Ltd	< 0.5 mg/kg (< 0.5 ppm)				REACH Annex XVII / AIPS GS 2019-01 PAK	C2015		AIPS GS 2019-01 PAK
Benzo[k]fluoranthene	205-82-3	Ltd	< 0.5 mg/kg (< 0.5 ppm)				REACH Annex XVII / AIPS GS 2019-01 PAK	C2015		AIPS GS 2019-01 PAK
Benzo[b]fluoranthene	207-08-9	Ltd	< 0.5 mg/kg (< 0.5 ppm)				REACH Annex XVII / AIPS GS 2019-01 PAK	C2015		AIPS GS 2019-01 PAK
Chrysene	218-01-9	Ltd	< 0.5 mg/kg (< 0.5 ppm)				REACH Annex XVII / AIPS GS 2019-01 PAK	C2015		AIPS GS 2019-01 PAK
Dibenz[a,h]anthracene	53-70-3	Ltd	< 0.5 mg/kg (< 0.5 ppm)				REACH Annex XVII / AIPS GS 2019-01 PAK	C2015		AIPS GS 2019-01 PAK
Benzo[ghi]perylene	191-24-2	Ltd	< 0.5 mg/kg (< 0.5 ppm)				REACH Annex XVII / AIPS GS 2019-01 PAK	C2015		AIPS GS 2019-01 PAK
Indeno[1,2,3-cd]pyrene	193-39-5	Ltd	< 0.5 mg/kg (< 0.5 ppm)			Black plastic and elastomer parts, e.g. cables, trimmets, soft grips, extender oil, carbon black	AIPS GS 2019-01 PAK	C2015		AIPS GS 2019-01 PAK
Phenanthrene, Pyrene, Anthracene, Fluoranthene	85-01-8 129-00-0 120-12-7 206-44-0	Ltd	Sum < 10 mg/kg (< 10 ppm)				AIPS GS 2019-01 PAK	C2019		AIPS GS 2019-01 PAK
Naphthalene	91-20-3	Ltd	< 2 mg/kg (< 2 ppm)				AIPS GS 2019-01 PAK	C2015		AIPS GS 2019-01 PAK
Sum 15 PAH	50-32-8 192-97-2 56-55-3 205-99-2 205-82-3 207-08-9 218-01-9 53-70-3 191-24-2 193-39-5 85-01-8 129-00-0 120-12-7 206-44-0 91-20-3	Ltd	Sum < 10 mg/kg (< 10 ppm)				AIPS GS 2019-01 PAK	C2019		AIPS GS 2019-01 PAK
comment:										

EC-RoHS: 2011/65/EU and 2015/863/EU



Version 2021-07-12

Is the regulation applicable? Always

Regulated substances	CAS number	Ltd./D	Limit value [mass%]	Concentration of substance [mass% in homogeneous material]	Exception claimed? If so, which one?	Designation of the material that contains the regulated substance	Entry - included (E) - changed (C)	test report enclosed (optional)	Method of measurement
Lead	Material group	Ltd.	0.1				E2009		
Cadmium	7440-43-9	Ltd.	0.01				E2009		
Mercury	7439-97-6	Ltd.	0.1				E2009		
Chromium VI	1333-82-0	Ltd.	0.1				E2009		
Polybrominated biphenyls (PBB)	Material group	Ltd.	0.1				E2009		
Polybrominated diphenyl ether (PBDE)	Material group	Ltd.	0.1				E2009		
Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	Ltd.	0.1				E2015		
Benzyl butyl phthalate (BBP)	85-68-7	Ltd.	0.1				E2015		
Dibutyl phthalate (DBP)	84-74-2	Ltd.	0.1				E2015		
Diisobutyl phthalate (DIBP)	84-69-5	Ltd.	0.1				E2015		

RoHS: https://ec.europa.eu/environment/waste/rohs_eee/index_en.htm
 DIRECTIVE 2011/65/EU: <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32011L0065>
 DIRECTIVE 2015/863/EU: <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=OJ.LOL.2015.137.R.0003>

RoHS Exemptions

All exceptions listed under RoHS must be observed. Below only those are listed which are of the greatest importance for Power Tools. If another RoHS exception is used, this must also be noted above.

RoHS ANNEX III: Applications exempted from the restriction in Article 4(1)
6a. Lead as an alloying element in steel for machining purposes and in galvanised steel containing up to 0,35 % lead by weight
6b. Lead as an alloying element in aluminium containing up to 0,4 % lead by weight
6c. Copper alloy containing up to 4 % lead by weight
7a. Lead in high melting temperature type solders (i.e. lead-based alloys containing 85 % by weight or more lead)
8b. Cadmium and its compounds in electrical contacts

EC-Directive on Packaging 94/62/EC and 2004/12/EC



Version 2021-07-12

Is the regulation applicable? No

Regulated substances	CAS number	Ltd./D	Limit value [mass%]	Concentration of substance [ppm]	Entry - included (E) - changed (C)	test report enclosed (optional)	Method of measurement
Lead	Material group	Ltd.	cumulative 100ppm		E2009		
Chromium VI	14977-61-8	Ltd.			E2009		
Cadmium	7440-43-9	Ltd.			E2009		
Mercury	7439-97-6	Ltd.			E2009		

Packaging type / quantity	Material	Weight [g]	Total weight [g]:
			0.00

Packaging Directive: <https://ec.europa.eu/environment/waste/ackpackinfo/>
 Directive 94/62/EC: <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=celex:31994L0062>
 Directive 2004/12/EC: <https://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:3A32004L0012>

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California Proposition 65



Version 2021-07-12

Is the regulation applicable? Yes

Safe Drinking Water and Toxic Enforcement Act of 1986, as amended (also known as California Proposition 65):

The supplier must inform Bosch if any substance on the California Proposition 65 list is contained in a product or spare part or mixture in any concentration. The supplier is obliged to track the Proposition 65 list regularly (on OEHA website) and to inform Bosch purchasing contact immediately if he gets information that any substance on the Proposition 65 list may be included in supplied material. No extra test reports are required for California Proposition 65.

Proposition 65 List: <https://oehha.ca.gov/proposition-65/proposition-65-list>

Regulated substances	CAS number	also regulated in:	Concentration of ingredient [mass%]	Designation of the material that contains the regulated substance	Total weight of component contains the regulated substance [g]
Lead and its compounds	Material group	EU Reach, EU RoHS			
Cadmium	7440-43-9	EU Reach, EU RoHS			
Mercury and its compounds	Material group	EU Reach, EU RoHS			
Chromium VI	1333-82-0	EU Reach, EU RoHS			
Polybrominated biphenyls (PBB)	Material group	EU Reach, EU RoHS			
Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	EU Reach, EU RoHS			
Benzyl butyl phthalate (BBP)	85-68-7	EU Reach, EU RoHS			
Dibutyl phthalate (DBP)	84-74-2	EU Reach, EU RoHS			
Diisononylphthalat (DINP)	28553-12-0				
Diisodecylphthalat (DIDP)	26761-40-0				
DnHP	84-75-3	EU Reach			
Tris(2,3-dibromopropyl)phosphate	126-72-7	EU Reach			
Benzo[a]pyrene	50-32-8	EU Reach, PT requirement			
Benzo[a]anthracene	56-55-3	EU Reach, PT requirement			
Benzo[b]fluoranthene	205-99-2	EU Reach, PT requirement			
Benzo[k]fluoranthene	205-82-3	EU Reach, PT requirement			
Benzo[e]fluoranthene	207-08-9	EU Reach, PT requirement			
Chrysene	218-01-9	EU Reach, PT requirement			
Dibenz[a,h]anthracene	53-70-3	EU Reach, PT requirement			
Naphthalene	91-20-3	PT requirement			
Indeno[1,2,3-cd]pyrene	193-39-5	PT requirement			
PFOS (Perfluorooctane sulfonate)	1763-23-1	EU Reach			
PFOA (Perfluorooctanoic acid)	335-67-1	EU Reach			
SCCP	85535-84-8 / 108171-26-2	EU Reach, POP			
<i>This is only a selection of most common substances - please check and declare the full list under the link.</i>					

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