

# N2580-PT

VERSION: 1ST OF MARCH 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

## 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 he gets 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:**

A large rectangular area with a yellow background, intended for providing comments. A large, diagonal watermark reading 'REACH ONLY' is overlaid on this area.

# REACH SVHC



Version 2021-03-01

Is the regulation applicable? Always

## Commitment

### SVHC Candidate List

We do not accept substances of the SVHC-list above 0,1% in products or there 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 he gets information that any substance stated in SVHC-candidate list may be included in supplied material (  $\geq 0,1$  %).

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

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

### comment:

# POP ordinance and GS regulation



Is the regulation applicable? Always

Version 2021-03-01

Regulated substances	CAS number	Ltd./D	Limit value	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
<b>POP ordinance 850/2004, 2015/2030</b>										
Chloralkene C10-C13 (SCCP)	85535-84-8	Ltd	0,15 % w/w			in plastic and elastomer parts	POP ordinance 850/2004, 2015/2030	E2016		GC-MS
PFOA, it's salts, & PFOA-related compounds	335-67-1	Ltd	0,025 mg/kg			in cable insulation, PTFE application parts, water and oil resistant coatings	POP ordinance (EU) 2019/1021 (EU) 2020/784	E2020		GC-MS LC-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 / AfPS GS 2019:01 PAK	C2015		AfPS GS 2019:01 PAK
Benzo[e]pyrene	192-97-2	Ltd	< 0.5 mg/kg (< 0,5 ppm)				REACH Annex XVII / AfPS GS 2019:01 PAK	C2015		AfPS GS 2019:01 PAK
Benzo[a]anthracene	56-55-3	Ltd	< 0.5 mg/kg (< 0,5 ppm)				REACH Annex XVII / AfPS GS 2019:01 PAK	C2015		AfPS GS 2019:01 PAK
Benzo[b]fluoranthene	205-99-2	Ltd	< 0.5 mg/kg (< 0,5 ppm)				REACH Annex XVII / AfPS GS 2019:01 PAK	C2015		AfPS GS 2019:01 PAK
Benzo[j]fluoranthene	205-82-3	Ltd	< 0.5 mg/kg (< 0,5 ppm)				REACH Annex XVII / AfPS GS 2019:01 PAK	C2015		AfPS GS 2019:01 PAK
Benzo[k]fluoranthene	207-08-9	Ltd	< 0.5 mg/kg (< 0,5 ppm)				REACH Annex XVII / AfPS GS 2019:01 PAK	C2015		AfPS GS 2019:01 PAK
Chrysene	218-01-9	Ltd	< 0.5 mg/kg (< 0,5 ppm)				REACH Annex XVII / AfPS GS 2019:01 PAK	C2015		AfPS GS 2019:01 PAK
Dibenzo[a,h]anthracene	53-70-3	Ltd	< 0.5 mg/kg (< 0,5 ppm)				REACH Annex XVII / AfPS GS 2019:01 PAK	C2015		AfPS GS 2019:01 PAK
Benzo[ghi]perylene	191-24-2	Ltd	< 0.5 mg/kg (< 0,5 ppm)				AfPS GS 2019:01 PAK	C2015		AfPS GS 2019:01 PAK
Indeno[1,2,3-cd]pyrene	193-39-5	Ltd	< 0.5 mg/kg (< 0,5 ppm)				AfPS GS 2019:01 PAK	C2015		AfPS 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)			Black plastic and elastomer parts, e.g. cables, grommets, soft grips; extender oil; colors, carbon black	AfPS GS 2019:01 PAK	C2019		AfPS GS 2019:01 PAK
Naphtalene	91-20-3	Ltd	< 2 mg/kg (< 2 ppm)				AfPS GS 2019:01 PAK	C2015		AfPS 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)				AfPS GS 2019:01 PAK	C2019		AfPS GS 2019:01 PAK

**comment:**

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



Is the regulation applicable? Always

Version 2021-03-01

Regulated substances	CAS number	Ltd./D	Limit value	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 mass%				E2009		
Cadmium	7440-43-9	Ltd.	0.01 mass%				E2009		
Mercury	7439-97-6	Ltd.	0.1 mass%				E2009		
Chromium VI	1333-82-0	Ltd.	0.1 mass%				E2009		
Polybrominated biphenyles (PBB)	Material group	Ltd.	0.1 mass%				E2009		
Polybrominated diphenyl ether (PBDE)	Material group	Ltd.	0.1 mass%				E2009		
Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	Ltd.	0.1 mass%				E2015		
Benzyl butyl phthalate (BBP)	85-68-7	Ltd.	0.1 mass%				E2015		
Dibutyl phthalate (DBP)	84-74-2	Ltd.	0.1 mass%				E2015		
Disobutyl phthalate (DIBP)	84-69-5	Ltd.	0.1 mass%				E2015		

RoHS: [https://ec.europa.eu/environment/waste/rohs\\_eee/index\\_en.htm](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](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 2021-03-01

Is the regulation applicable? No

Regulated substances	CAS number	Ltd./D	Limit value	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/packaging/>  
 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>



