

# ams OSRAM Declaration of Conformity Substances in Products

## Legal Requirements and Standards for the EU market

### Declaration Scope:

OSRAM GmbH products of Divisions Digital (DI) and Automotive (AM)

Placing on the market of products is subject to specific regional (EU) or national legal requirements. Within the European Union (EU), these legal requirements are defined in EU-Regulations which are directly enforceable in the Member States or in EU-Directives which require a transformation into Member States' national legal systems. Compliance with the applicable legal requirements is obligatory for every party putting products on the EU-Market. Therefore, OSRAM bears responsibility.

The following Directives and Regulations restrict the use of hazardous substances in products and packaging (see also: [www.osram.com/ile](http://www.osram.com/ile)):

- **Directive 2011/65/EU ("RoHS")**  
(see also [https://ec.europa.eu/environment/topics/waste-and-recycling/rohs-directive\\_en](https://ec.europa.eu/environment/topics/waste-and-recycling/rohs-directive_en)  
RoHS conformity is also part of the below mentioned CE labelling scheme)
- **Directive 2000/53/EC ("End-of-life vehicles – ELV")**
- **Directive 94/62/EC ("Packaging Directive")**
- **Directive 2006/66/EC ("Battery Directive")**
- **Regulation (EC) No 1907/2006 ("REACH")** including declaration of "Substances of Very High Concern" and restriction of certain substances (see also [www.osram.com/reach](http://www.osram.com/reach))
- **Regulation (EU) 2019/1021 (Persistent Organic Pollutants, POP)**
- **Directive 2008/98/EC (Waste Framework Directive)** incl. amendment EU 2019/851 referring to the SCIP database (Substances of Concern in Products) of the European Chemical Agency (ECHA)

The CE mark on our products indicates conformity with Directives and Regulations covering product safety, electromagnetic compatibility and product performance. Conformity with the following and all other CE relevant regulations is attested in separate EC Declarations of Conformity:

- Directive 2014/35/EU ("Low Voltage Directive - LVD"), Recast of 2006/95/EC
- Directive 2014/30/EU ("Electromagnetic Compatibility Directive - EMC") Recast of 2004/108/EC
- Directive 2009/125/EC ("Energy related Products" Framework Directive)  
and its Implementing Measures:
  - Regulation (EU) 2019/2020 Ecodesign requirements for light sources and separate control gears
  - Regulation (EU) 2019/2015 Labelling requirements for light sources (Energy Labelling Regulation)

## ams OSRAM Declaration: Substances in products

- Products delivered by OSRAM GmbH Divisions Digital (DI) and Automotive (AM) into the EU-Market today and in the future satisfy the applicable legal requirements, as well as the applicable product standards (EN/IEC).
- We installed a system within our company ensuring compliance with the applicable legal requirements. This system includes products, parts and materials procured from suppliers.
- According to Directive 2011/65/EU ("RoHS") including amendment of Annex II (2015/863/EU) ams OSRAM products delivered into EU market do not contain the following substances exceeding defined maximum concentration values, unless in an application exempted by Annex of RoHS Directive (incl. amendments).

Substances / application	Maximum concentration values by weight in homogeneous materials
Lead (Pb)	0.1 %
Mercury (Hg)	0.1 %
Cadmium (Cd)	0.01 %
Hexavalent chromium (Cr <sup>6+</sup> )	0.1 %
Polybrominated biphenyls (PBB) Polybrominated diphenyl ethers (PBDE)	0.1 %
Bis(2-ethylhexyl) phthalate (DEHP)	0.1 %
Benzyl butyl phthalate (BBP)	0.1 %
Dibutyl phthalate (DBP)	0.1 %
Diisobutyl phthalate (DIBP)	0.1 %

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