

Hazardous Substances - Compliance

Freiberger Compound Material GmbH provides high-purity products based on gallium arsenide and indium phosphide. Due to their physical characteristics, those products cannot contain any foreign materials except dopants (silicon, tellurium, zinc, sulphur, iron, carbon, boron) in low concentrations (<1000 ppm) as per customer request.

RoHS Declaration of Conformity:

We hereby declare that our wafers can be used to manufacture products that meet the requirements of

Directives 2011/65/EU and (EU) 2015/863 of the European Parliament. In particular, the manufactured products do not contain the substances listed in the table below in concentrations above the specified maximum level.

Hazardous Substance	Maximum Value
Lead (Pb)	0.1% (1000 ppm)
Mercury (Hg)	0.1% (1000 ppm)
Cadmium (Cd)	0.01% (100 ppm)
Hexavalent chromium (CrVI)	0.1% (1000 ppm)
Polybrominated biphenyls (PBB)	0.1% (1000 ppm)
Polybrominated diphenyl ether (PBDE)	0.1% (1000 ppm)
Bis(2-ethylhexyl) phthalate (DEHP)	0.1% (1000 ppm)
Butyl benzyl phthalate (BBP)	0.1% (1000 ppm)
Dibutyl phthalate (DBP)	0.1% (1000 ppm)
Diisobutyl phthalate (DIBP)	0.1% (1000 ppm)

REACH Declaration of Conformity

As a manufacturer of electronic components, Freiberger Compound Materials GmbH is a "downstream user" in the sense of the Regulation for the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH). You obtain from us only non-chemical articles (products). For that, Freiberger Compound Materials GmbH is neither obligatory for registration or to compile safety data sheets.

Freiberger Compound Materials GmbH hereby confirms that its electronic components comply with the legal obligations regarding Article 33 of the European REACH Regulation 1907/2006, which came into force on 01.06.2007. Furthermore, Freiberger Compound Materials GmbH will immediately inform you in

correspondence to REACH – Article 33 if any ingredients (as from a content > 0.1%) in our goods will be classified of very high concern (SVHC) by the European Agency for Chemicals ECHA.

Freiberger Compound Materials GmbH will check the recent ECHA "candidate list" continuously regarding updates and additions under the REACH- regulations and will inform you of any changes.

The current candidate list is provided on the European Chemicals Agency website via the following link: <https://echa.europa.eu/candidate-list-table>

Halogens-declaration:

Freiberger Compound Materials GmbH hereby confirms that their products do not contain halogenated

substances in negligible or undetectable quantities according to IEC 61249-2-21. Any trace impurities in the product are below the specified values. A product is considered halogen-free if the following substances do not exceed the maximum permitted concentration:

- chlorine max. 900 ppm,
- bromine max. 900 ppm und
- halogens in total max. 1500 ppm.

This declaration is made to the best of our knowledge and belief. It is based on information provided to Freiberger Compound Materials GmbH by its suppliers, for which we cannot accept any liability, and on

compliance with Directive 768/2008/EC on the common framework for the marketing of products.

With kind regards,



Svenja Rosenlöcher

Head of Quality