

Infineon Technologies AG
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Statement regarding Infineon Products in the Light of REACH Obligations

Issued and authorized by the Corporate Department for Sustainability and Continuity Planning (BC SCP), 2018-06-27

Since 1 June 2007 Regulation (EC) No 1907/2006 concerning Registration, Evaluation, Authorization and Restriction of Chemicals¹ ("REACH" for short) is in force.

REACH contains:

1. Since 1 June 2008, manufacturers or importers of substances as such, of substances in preparations (mixtures) or substances in articles which are released intentionally, must register these substances at the European Chemicals Agency (ECHA) if the substances are manufactured or imported in the European Community in quantities of at least 1 t per year and if they are not exempted from registration obligations. So-called "phase-in substances" – e.g. substances listed in EINECS – can be pre-registered. Pre-registration enables the use of the REACH "registration roadmap" which sets the registration period according to the manufactured/imported quantity.
2. Suppliers of substances and preparations must provide the recipient with either a safety data sheet (Article 31) or safety information (Article 32). In certain cases, the safety data sheet has to be amended with relevant exposure scenarios ("Extended Safety Data Sheet").
3. Suppliers, manufacturers and importers of articles that contain a substance on the "candidate list" in a concentration higher than 0.1 mass percent per article shall provide the professional recipient and on request a consumer of the article with sufficient information to ensure safe use of the article. This information has to include, as a minimum requirement, the name of that substance. Furthermore, if the substance on the "candidate list" exceeds the quantity of 1 t per year in these articles, a notification to the European Chemicals Agency (ECHA) is required. The notification obligation started 1 June 2011.
4. Since 1 June 2008, users of chemicals (substances and preparations/mixtures) – so-called "downstream users" – will have to comply with further obligations, but only after they have received an extended safety data sheet. Downstream users can provide appropriate information so as to assist the manufacturers and importers of substances and preparations in registering them.

¹ REGULATION (EC) NO. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC



What does this mean for Infineon's products:

Infineon Technologies AG manufactures only semiconductor products, which are articles according to REACH. As semiconductors are not intended to release any substance under normal and reasonably foreseeable conditions of use, the obligations in No. 1 and 2 above are not relevant for Infineon's products.

Regarding No. 3 the "candidate list" was published with date 28 October 2008, last amended 27 June 2018 and has currently 191 entries.

Some of our products contain lead (Pb) [CAS # 7439-92-1; EC # 231-100-4] in a concentration above 0.1 % w/w. More detailed information you will find in the Material Content Data Sheet (MCDS). If this information is not available, please contact your customer sales interface.

The packing of dry packed products encloses a Humidity Indicator Card (HIC) containing the following substance of in a concentration above 0.1 % w/w:

Cobalt dichloride (CoCl₂) [CAS # 7646-79-9; EC # 231-589-4].

The dicing film of bare die products contains the following substance in a concentration above 0.1 % w/w:

Bis (2-ethylhexyl) phthalate (DEHP) [CAS # 117-81-7; EC # 204-211-0].

According to Article 7(3), notification is not required since exposure to humans or the environment under normal or reasonably foreseeable conditions of use including disposal (disposal phase of electronic products is covered in the European Union by the WEEE directive 2012/19/EU) can be excluded for Infineon's semiconductor products.

Furthermore, our products do not contain any of the substances above the maximum thresholds under the given application in Annex XVII of REACH.

Our point of contact for REACH is:

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Infineon Technologies AG

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