

## REACH DECLARATION

### Managing substances

Nokia aims to have full knowledge of all substances in our products, meeting or even exceeding applicable laws and regulations and minimize adverse impacts on human health and the environment.

The Nokia Substance List details items that are banned, restricted, targeted for reduction in the future, or required to be reported in our products and product packaging (such as but not limited to lead, mercury and cadmium). The Nokia Substance List is integrated into our Design for Environment (DfE) requirements and product development processes. It is further included in Nokia supplier requirements and is available online.

Our substance team continuously monitors the development of legislation and market requirements to ensure timely readiness for new restrictions and requirements on substance usage globally. We participate in industry associations and engage with policymakers.

The European Chemicals Agency manages the REACH<sup>1</sup> regulation, adding to the candidate list of substances of very high concern (SVHC) twice a year. Article 33 of REACH requires a supplier of articles containing a listed candidate SVHC in a concentration above 0,1% weight by weight (w/w) to provide the recipient with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum the name of that substance.

**REACH Declaration.** The list below represents Nokia's current understanding of its obligations to communicate and provide information on certain substances, which may be present in listed items supplied in/with Nokia's products, in accordance with REACH Regulation Article 33. Nokia has solely relied on the information received from its supply chain, in particular from its third party suppliers, and may not have conducted chemical analysis or other similar testing. This declaration is regularly monitored, and it will be updated when changes occur or when substances, likely present in articles, are added to the Candidate List.

---

<sup>1</sup> 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)

## REACH Declaration for Nokia's products:

The list was last updated on 2 August 2018.

Substance of Very High Concern	CAS number	Article
Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	Cables, Cable cords, Connectors, Labels, Insulation material, Tapes
4,4'-oxydianiline and its salts	101-80-4	Inductive components
Cyclohexane-1,2-dicarboxylic anhydride	85-42-7	Photonic components
Dechlorane plus		Various polymers
Lead	7439-92-1	Various components (only applications covered by EU RoHS <sup>2</sup> exemption)
N,N-dimethylacetamide	127-19-5	RF MW Circuits
1-Methyl-2-pyrrolidone (NMP)	872-50-4	Resistors
Acrylamide	79-06-1	IC components
Dibutyl phthalate (DBP)	84-74-2	Ink, Insulation material, Glue
Diboron trioxide	1303-86-2	Glass in various components
Benzyl butyl phthalate (BBP)	85-68-7	Some paints

**Disclaimer.** The information in the above REACH Declaration is based on Nokia's current knowledge at the time stated above. This declaration is provided on "AS IS" basis without express or implied warranties or commitments of any kind. Nokia does not warrant that the declaration is error free and therefore reserves the right to update and modify the above declaration when necessary or appropriate.

---

<sup>2</sup> Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment