

REACH Declaration for Nokia products

29 November 2022

The European Chemicals Agency manages the REACH¹ regulation, regularly adding to the candidate list of substances of very high concern (SVHC). 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.

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.

For this declaration Nokia has relied solely on the information received from its suppliers and may not have conducted chemical analysis or other similar testing.

Substance of Very High Concern	CAS number	Typical Article
1-Methyl-2-pyrrolidone (NMP)	872-50-4	Resistors, crystal oscillators inductors
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	Semiconductor / IC encapsulant
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	Adhesives
4,4'-isopropylidenediphenol (BPA)	80-05-7	Semiconductor / IC encapsulant
6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1	Capacitors
Boric acid	10043-35-3	Capacitor ceramic
Cadmium	7440-43-9	Circuit breaker (in applications covered by EU RoHS ² exemption)
Decamethylcyclotetrasiloxane	541-02-6	Gasket
Dechlorane +	13560-89-9	Connector
Hexahydromethylphthalic anhydride	25550-51-0	LED encapsulant
Lead	7439-92-1	Various components (in applications covered by EU RoHS ² exemption)
Lead titanium trioxide	12060-00-3	Oscillator / resonator
N,N-dimethylacetamide	127-19-5	RF MW Circuits
Octamethylcyclotetrasiloxane (D4)	556-67-2	Various components
Polyethylene glycol mono (branched p-nonylphenyl) ether	127087-87-0	Optical fiber
Terphenyl, hydrogenated	61788-32-7	Passive microwave components

This declaration will be updated when changes occur or when substances, likely present in articles, are added to the Candidate List. For questions please contact sustainability.global@nokia.com.

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.

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)

² 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 (RoHS) as amended