

IMDS Analysis for RoHS 2 compliance
NIDEC MOTORS & ACTUATORS

imds professional 



In accordance with the 2011/65/EU (RoHS 2)
(European Union Restriction of Hazardous Substances Directive)
All restricted substances with their max. permitted concentration (non-exempt) are listed
on page 2 of this document.

This Analysis is based on all substances declared in the datasheets below,
relative to their percentage per material.
Substances below max. permitted concentration will not be named in the analysis result.

This Analysis is based on IMDS material data created by the customer or received by suppliers.
IMDS Professional disclaims liability for incorrect data.

Product description	MOTOR GMPG
NIDEC part number	405.794
ID number / version of analysed MDS	757035241 / 1
MDS creation date	16 July 2018
MDS status	internally released
Date of Analysis	17 July 2018

Analysis Result : The product is compliant with Directive 2011/65/EU (RoHS2)

Detail 1: Material "CuZn37 (Copper alloy)" (classification 3.2.) contains up to 0,3% of LEAD. This is compliant according to exemption 6c of Directive 2011/65/EU.

Detail 2: Material "PCB-ceramics with lead, Standard" (classification 7.2., part of published semiconductor by ZVEI) contains up to 3,3% of lead. This is compliant according to exemption 7c of Directive 2011/65/EU.

Annex A
RoHS 2 restricted substances with
max. permitted concentration (non-exempt) per homogeneous material

Pos.	Name	max. conc. (non-exempt)
	Lead (Pb)	0,1%
	Mercury (Hg)	0,1%
	Cadmium (Cd)	0,01%
	Hexavalent chromium (Cr6+)	0,1%
	Polybrominated biphenyls (PBB)	0,1%
	Polybrominated diphenyl ether (PBDE)	0,1%
	Bis(2-ethylhexyl)phthalat (DEHP) CAS 117-81-7	0,1%
	Benzylbutylphthalat (BBP) CAS 85-68-7	0,1%
	Dibutylphthalat (DBP) CAS 84-74-2	0,1%
	Diisobutylphthalat (DIBP) CAS 84-69-5	0,1%