imds professional

IMDS Analysis of REACH SVHC
NIDEC MOTORS & ACTUATORS

In accordance with the Registration, Evaluation, Authorisation and Restriction of Chemicals (EC) No 1907/2006

This Analysis considers all substances of very high concern (SVHC) which are registered in the IMDS system at the "date of analysis" mentioned below.

This Analysis in based on the IMDS material declaration created by NIDEC, using received datasheets of suppliers. IMDS professional will not guarantee for the correctness of these data given in the IMDS system.

Order number:	**MDS #1**	
Part name	MOTOR GMPG	
MDS received on	created 15-July-2014	
MDS received from	own MDS	
MDS status	internally released	
Date of acceptance	n.a.	
Date of Analysis	28 February 2018	
NIDEC internal part number	**404.722**	
Identification number of analysed MDS	492812948	
Version number of analysed MDS	1	

Analysis Result *: The product named in the table above is compliant with Regulation (EC) No 1907/2006 (REACh)*

(No SVHC was found above the reporting threshold per article)

Annex I: current list of REACh SVHC as valid on day of analysis

POS	Name
1	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic
2	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]
3	Bis (2-ethylhexyl)phthalate (DEHP)
4	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)
5	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)
6	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-
7	Cadmium fluoride
8	Cadmium sulphate
9	reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)
10	1,2-Benzenedicarboxylic acid, dihexylester, branched and linear
11	Cadmium chloride
12	Sodium perborate,perboric acid, sodium salt
13	Sodium peroxometaborate
14	Cadmium sulphide
15	Dihexyl phthalate
16	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)
17	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-
18	Imidazolidine-2-thione (2-imidazoline-2-thiol)
19	Lead di(acetate)
20	Trixylyl phosphate
21	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear
22	Ammonium pentadecafluorooctanoate (APFO)
23	Cadmium
24	Cadmium oxide
25	Dipentyl phthalate (DPP)
26	Pentadecafluorooctanoic acid (PFOA)
27	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear
28	1,2-Diethoxyethane
29	1-bromopropane (n-propyl bromide)
30	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine
31	4,4'-methylenedi-o-toluidine
32	4,4'-oxydianiline and its salts
33	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined
34	4-Aminoazobenzene
35	4-methyl-m-phenylenediamine (toluene-2,4-diamine)
36	4-Nonylphenol, branched and linear [substances with a linear and/or branched
37	6-methoxy-m-toluidine (p-cresidine)
38	[Phthalato(2-)]dioxotrilead
39	Acetic acid, lead salt, basic
40	Biphenyl-4-ylamine
41	Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)
42	Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic
43	Diazene-1,2-dicarboxamide (C,C`-azodi(formamide)) (ADCA)
44	Dibutyltin dichloride (DBTC)
45	Diethyl sulphate
46	Diisopentylphthalate
47	Dimethyl sulphate
48	Dinoseb (6-sec-butyl-2,4-dinitrophenol)
49	Dioxobis(stearato)trilead
50	Fatty acids, C16-18, lead salts

51	Furan
52	Henicosafluoroundecanoic acid
53	Heptacosafluorotetradecanoic acid
54	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic
55	Lead bis(tetrafluoroborate)
56	Lead cyanamidate
57	Lead dinitrate
58	Lead monoxide (lead oxide)
59	Lead oxide sulfate
60	Lead titanium trioxide
61	Lead titanium zirconium oxide
62	Methoxyacetic acid
63	Methyloxirane (Propylene oxide)
64	N,N-dimethylformamide
65	N-methylacetamide
66	N-pentyl-isopentylphthalate
67	o-aminoazotoluene
68	o-Toluidine
69	Orange lead (lead tetroxide)
70	Pentacosafluorotridecanoic acid
71	Pentalead tetraoxide sulphate
72	Pyrochlore, antimony lead yellow
73	Silicic acid (H₂Si₂O₅), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD),the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]
74	Silicic acid, lead salt
75	Sulfurous acid, lead salt, dibasic
76	Tetraethyllead
77	Tetralead trioxide sulphate
78	Tricosafluorododecanoic acid
79	Trilead bis(carbonate) dihydroxide
80	Trilead dioxide phosphonate
81	1,2-bis(2-methoxyethoxy)ethane (TEGDME,triglyme)
82	1,2-dimethoxyethane,ethylene glycol dimethyl ether (EGDME)
83	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)
84	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione
85	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with ≥ 0.1% of Michler's
86	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)
87	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-
88	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]
89	Diboron trioxide
90	Formamide
91	Lead(II) bis(methanesulfonate)
92	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)
93	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol
94	1,2-Dichloroethane
95	2,2'-dichloro-4,4'-methylenedianiline
96	2-Methoxyaniline,o-Anisidine
97	4-(1,1,3,3-tetramethylbutyl)phenol
98	Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number
99	Arsenic acid
100	Bis(2-methoxyethyl) ether
101	Bis(2-methoxyethyl) phthalate
102	Calcium arsenate
103	Dichromium tris(chromate)
104	Formaldehyde, oligomeric reaction products with aniline
105	Lead diazide, Lead azide
106	Lead dipicrate
107	Lead styphnate

108	N,N-dimethylacetamide
109	Pentazinc chromate octahydroxide
110	Phenolphthalein
111	Potassium hydroxyoctaoxodizincatedichromate
112	Trilead diarsenate
113	Zirconia Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm). c) alkaline oxide and alkali earth oxide (Na2O+K2O+CaO+MgO+BaO) content less or equal to 18% by weight
114	Cobalt dichloride
115	1,2,3-trichloropropane
116	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich
117	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters
118	1-Methyl-2-pyrrolidone (NMP)
119	2-Ethoxyethyl acetate
120	Hydrazine
121	Strontium chromate
122	2-Ethoxyethanol
123	2-Methoxyethanol
124	Acids generated from chromium trioxide and their oligomers (Chromic acid,
125	Chromium trioxide
126	Cobalt(II) carbonate
127	Cobalt(II) diacetate
128	Cobalt(II) dinitrate
129	Cobalt(II) sulphate
130	Ammonium dichromate
131	Boric acid
132	Disodium tetraborate, anhydrous
133	Potassium chromate
134	Potassium dichromate
135	Sodium chromate
136	Tetraboron disodium heptaoxide, hydrate
137	Trichloroethylene
138	Acrylamide
139	2,4-Dinitrotoluene
140	Anthracene oil
141	Anthracene oil, anthracene paste
142	Anthracene oil, anthracene paste, anthracene fraction
143	Anthracene oil, anthracene paste, distn. lights
144	Anthracene oil, anthracene-low
145	Diisobutyl phthalate
146	Lead chromate
147	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)
148	Lead sulfochromate yellow (C.I. Pigment Yellow 34)
149	Pitch, coal tar, high temp.
150	Tris(2-chloroethyl)phosphate
151	4,4'- Diaminodiphenylmethane (MDA)
152	5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)
153	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)
154	Anthracene
155	Benzyl butyl phthalate (BBP)
156	Bis(tributyltin) oxide (TBTO)
157	Diarsenic pentaoxide
158	Diarsenic trioxide
159	Dibutyl phthalate (DBP)
160	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified:
161	Lead hydrogen arsenate
162	Sodium dichromate

163	Triethyl arsenate
164	1,3-propanesultone
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)
167	Nitrobenzene
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts
169	Benzo[def]chrysene
170	p-(1,1-dimethylpropyl)phenol
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts
172	4-heptylphenol, branched and linear
173	4,4'-isopropylidenediphenol
174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)
175	Benz[a]anthracene
176	Cadmium carbonate
177	Cadmium hydroxide
178	Cadmium nitrate
179	Chrysene
180	Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene (“Dechlorane Plus”™)
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)