NORD-LOCK®

Certificate of Compliance

This letter is to assure that products from Nord-Lock **do not contain** any of the REACH Substances of Very High Concern (SVHC), as specified in the table below according to the Candidate list published by ECHA (European Chemical Agency).

Nord-Lock confirms that all listed washers do not contain any of below substances:

- Steel washers with zinc flake coating Delta Protekt®
- Stainless steel washers
- 254 SMO® washers
- INCONEL® 718 washers
- INCONEL® / HASTELLOY® C-276 washers

#	Substance Name	CAS #	SVHC Published Date
1	Anthracene	120-12-7	2008-10-28
2	4,4'- Diaminodiphenylmethane	101-77-9	2008-10-28
3	Dibutyl phthalate	84-74-2	2008-10-28
4	Cobalt dichloride	7646-79-9	2008-10-28 2011-06-20
5	Diarsenic pentaoxide	1303-28-2	2008-10-28
6	Diarsenic trioxide	1327-53-3	2008-10-28
7	Sodium dichromate, dihydrate	10588-01-9	2008-10-28
8	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	2008-10-28
9	Bis (2-ethyl (hexyl)phthalate) (DEHP)	117-81-7	2008-10-28
10	Hexabromocyclododecane (HBCDD)	3194-55-6	2008-10-28
11	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	2008-10-28
12	Bis(tributyltin) oxide,hexabutyldistannoxane	56-35-9	2008-10-28
13	Lead hydrogen arsenate	7784-40-9	2008-10-28
14	Triethyl arsenate	15606-95-8	2008-10-28
15	Benzyl butyl phthalate	85-68-7	2008-10-28
16	2,4-Dinitrotoluene	121-14-2	2010-01-13
17	Anthracene oil	90640-80-5	2010-01-13
18	Anthracene oil, anthracene paste	90640-81-6	2010-01-13
19	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	2010-01-13
20	Anthracene oil, anthracene paste,distn. lights	91995-17-4	2010-01-13

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#	Substance Name	CAS #	SVHC Published Date
21	Anthracene oil, anthracene-low	90640-82-7	2010-01-13
22	Diisobutyl phthalate	84-69-5	2010-01-13
23	Lead chromate	7758-97-6	2010-01-13
24	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	2010-01-13
25	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	2010-01-13
26	Pitch, coal tar, high temp.	65996-93-2	2010-01-13
27	Tris(2-chloroethyl)phosphate	115-96-8	2010-01-13
28	Acrylamide	79-06-1	2010-03-30
29	Trichloroethylene	79-01-6	2010-06-18
30	Boric acid	10043-35-3/11113-50-1	2010-06-18
31	Tetraboron disodium heptaoxide, hydrate	12267-73-1	2010-06-18
32	Disodium tetraborate, anhydrous	1303-96-4/ 1330-43-4/ 12179-04-3	2010-06-18
33	Potassium dichromate	7778-50-9	2010-06-18
34	Potassium chromate	7789-00-6	2010-06-18
35	Sodium chromate	7775-11-3	2010-06-18
36	Ammonium dichromate	7789-09-5	2010-06-18
37	Cobalt(II) sulphate	10124-43-3	2010-12-15
38	Cobalt(II) dinitrate	10141-05-6	2010-12-15
39	Cobalt(II) carbonate	513-79-1	2010-12-15
40	Cobalt(II) diacetate	71-48-7	2010-12-15
41	2-Methoxyethanol	109-86-4	2010-12-15
42	2-Ethoxyethanol	110-80-5	2010-12-15
43	Chromium trioxide	1333-82-0	2010-12-15
44	Chromic acid, Oligomers of chromic acid and dichromic acid, Dichromic acid	7738-94-5 - 13530-68-2	2010-12-15
45	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	2011-06-20
46	1,2,3-Trichloropropane	96-18-4	2011-06-20
47	1-Methyl-2-pyrrolidone	872-50-4	2011-06-20

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48	Hydrazine	302-01-2 / 7803-57-8	2011-06-20
49	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	2011-06-20
50	Strontium chromate	7789-06-2	2011-06-20
51	2-Ethoxyethyl acetate	111-15-9	2011-06-20
52	Zirconia Aluminosilicate Refractory Ceramic Fibres		2011-12-19
53	Calcium arsenate	7778-44-1	2011-12-19
54	Bis(2-methoxyethyl) ether	111-96-6	2011-12-19
55	Aluminosilicate Refractory Ceramic Fibres		2011-12-19
56	Potassium hydroxyoctaoxodizincatedichromate	11103-86-9	2011-12-19
57	Lead dipicrate	6477-64-1	2011-12-19
58	N,N-dimethylacetamide	127-19-5	2011-12-19
59	Arsenic acid	7778-39-4	2011-12-19
60	2-Methoxyaniline; o-Anisidine	90-04-0	2011-12-19
61	Trilead diarsenate	3687-31-8	2011-12-19
62	1,2-dichloroethane	107-06-2	2011-12-19
63	Pentazinc chromate octahydroxide	49663-84-5	2011-12-19
64	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	2011-12-19
65	Bis(2-methoxyethyl) phthalate	117-82-8	2011-12-19
66	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	2011-12-19
67	Lead diazide, Lead azide	13424-46-9	2011-12-19
68	Phenolphthalein	1977-09-08	2011-12-19
69	Dichromium tris(chromate)	24613-89-6	2011-12-19
70	Lead styphnate	15245-44-0	2011-12-19
71	2,2'-dichloro-4,4'-methylenedianiline	101-14-4	2011-12-19
72	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	2012-06-18
73	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9	2012-06-18
74	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	2580-56-5	2012-06-18

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75	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	2012-06-18
76	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9	2012-06-18
77	Formamide	75-12-7	2012-06-18
78	Lead(II) bis(methanesulfonate)	17570-76-2	2012-06-18
79	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	2012-06-18
80	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	2012-06-18
81	Diboron trioxide	1303-86-2	2012-06-18
82	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC)	59653-74-6	2012-06-18
83	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	2012-06-18
84	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	2012-06-18
85	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	2012-12-19
86	Pentacosafluorotridecanoic acid	72629-94-8	2012-12-19
87	Tricosafluorododecanoic acid	307-55-1	2012-12-19
88	Henicosafluoroundecanoic acid	2058-94-8	2012-12-19
89	Heptacosafluorotetradecanoic acid	376-06-7	2012-12-19
90	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	2012-12-19
91	Cyclohexane-1,2-dicarboxylic anhydride [1] cis-cyclohexane-1,2-dicarboxylic anhydride [2] trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry].	85-42-7, 13149-00-3 14166-21-3	2012-12-19
92	Hexahydromethylphthalic anhydride [1] Hexahydro-4-methylphthalic anhydride [2] Hexahydro-1-methylphthalic anhydride [3] Hexahydro-3-methylphthalic anhydride [4]	25550-51-0 19438-60-9 48122-14-1 57110-29-9	2012-12-19

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#	Substance Name	CAS #	SVHC Published Date
	[The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]		
93	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]		2012-12-19
94	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]		2012-12-19
95	Methoxyacetic acid	625-45-6	2012-12-19
96	N,N-dimethylformamide	68-12-2	2012-12-19
97	Dibutyltin dichloride (DBTC)	683-18-1	2012-12-19
98	Lead monoxide (Lead oxide)	1317-36-8	2012-12-19
99	Orange lead (Lead tetroxide)	1314-41-6	2012-12-19
100	Lead bis(tetrafluoroborate)	13814-96-5	2012-12-19
101	Trilead bis(carbonate)dihydroxide	1319-46-6	2012-12-19
102	Lead titanium trioxide	12060-00-3	2012-12-19
103	Lead titanium zirconium oxide	12626-81-2	2012-12-19
104	Silicic acid, lead salt	11120-22-2	2012-12-19
105	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 begin_of_the_skype_highlighting GRATIS 082-001-00-6 end_of_the_skype_highlighting in Regulation (EC) No 1272/2008]	68784-75-8	2012-12-19
106	1-bromopropane (n-propyl bromide)	106-94-5	2012-12-19
107	Methyloxirane (Propylene oxide)	75-56-9	2012-12-19
108	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	2012-12-19

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109	Diisopentylphthalate (DIPP)	605-50-5	2012-12-19
110	N-pentyl-isopentylphthalate	776297-69-9	2012-12-19
111	1,2-diethoxyethane	629-14-1	2012-12-19
112	Acetic acid, lead salt, basic	51404-69-4	2012-12-19
113	Lead oxide sulfate	12036-76-9	2012-12-19
114	[Phthalato(2-)]dioxotrilead	69011-06-9	2012-12-19
115	Dioxobis(stearato)trilead	12578-12-0	2012-12-19
116	Fatty acids, C16-18, lead salts	91031-62-8	2012-12-19
117	Lead cynamidate	20837-86-9	2012-12-19
118	Lead dinitrate	10099-74-8	2012-12-19
119	Pentalead tetraoxide sulphate	12065-90-6	2012-12-19
120	Pyrochlore, antimony lead yellow	8012-00-8	2012-12-19
121	Sulfurous acid, lead salt, dibasic	62229-08-7	2012-12-19
122	Tetraethyllead	78-00-2	2012-12-19
123	Tetralead trioxide sulphate	12202-17-4	2012-12-19
124	Trilead dioxide phosphonate	12141-20-7	2012-12-19
125	Furan	110-00-9	2012-12-19
126	Diethyl sulphate	64-67-5	2012-12-19
127	Dimethyl sulphate	77-78-1	2012-12-19
128	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	2012-12-19
129	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	2012-12-19
130	4,4'-methylenedi-o-toluidine	838-88-0	2012-12-19
131	4,4'-oxydianiline and its salts	101-80-4	2012-12-19
132	4-aminoazobenzene	60-09-3	2012-12-19
133	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	2012-12-19
134	6-methoxy-m-toluidine (p-cresidine)	120-71-8	2012-12-19
135	Biphenyl-4-ylamine	92-67-1	2012-12-19
136	o-aminoazotoluene (4-o-tolylazo-o-toluidine)	97-56-3	2012-12-19
137	o-toluidine	95-53-4	2012-12-19
138	N-methylacetamide	79-16-3	2012-12-19
139	Cadmium oxide	1306-19-0	2013-06-20

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140	Dipentyl phthalate (DPP)	131-18-0	2013-06-20
141	Pentadecafluorooctanoic acid (PFOA)	335-67-1	2013-06-20
142	4-Nonylphenol, branched and linear, ethoxylated	ED/69/2013	2013-06-20
143	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	2013-06-20
144	Cadmium	7440-43-9	2013-06-20
145	Lead di(acetate)	301-04-2	2013-12-16
146	Dihexyl phthalate	84-75-3	2013-12-16
147	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7	2013-12-16
148	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-	573-58-0	2013-12-16
149	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7	2013-12-16
150	Cadmium sulphide	1306-23-6	2013-12-16
151	Trixylyl phosphate	25155-23-1	2013-12-16
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	2014-06-16
153	Sodium perborate; perboric acid, sodium salt	239-172-9; 234-390-0(EC no)	2014-06-16
154	Sodium peroxometaborate	7632-04-4	2014-06-16
155	Cadmium chloride	10108-64-2	2014-06-16
156	Cadmium fluoride	7790-79-6	2014-12-17
157	Cadmium sulphate	10124-36-4, 31119-53-6	2014-12-17
158	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	2014-12-17
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	2014-12-17
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	2014-12-17
161	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)	-	2014-12-17
162	1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters	68515-51-5	2015-07-03
163	1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters	68648-93-1	2015-07-03
164	1,3-propanesultone	1120-71-4	2015-12-17
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	2015-12-17
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	2015-12-17

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167	Nitrobenzene	98-95-3	2015-12-17
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	N/A	2015-12-17
169	Benzo[def]chrysene	50-32-8	2016-06-20
170	4,4'-isopropylidenediphenol Bisphenol A; BPA	201-245-8	2017-12-01
171	4-heptylphenol, branched and linear substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof	-	2017-12-01
172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts Nonadecafluorodecanoic acid EC no.: 206-400-3 | CAS no.: 335-76-2 Decanoic acid, nonadecafluoro-, sodium salt EC no.: - | CAS no.: 3830-45-3 Ammonium nonadecafluorodecanoate EC no.: 221-470-5 | CAS no.: 3108-42-7		2017-12-01
173	p-(1,1-dimethylpropyl)phenol	201-280-9	2017-12-01
174	Perfluorohexane-1-sulphonic acid and its salts	-	2017-07-07
175	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)	-	2018-01-15
176	Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)	-	2018-01-15
177	Chrysene	218-01-9, 1719-03-5	2018-01-15
178	Cadmium nitrate	10022-68-1, 10325-94-7	2018-01-15
179	Cadmium hydroxide	21041-95-2	2018-01-15
180	Cadmium carbonate	513-78-0	2018-01-15
181	Benz[a]anthracene	56-55-3, 1718-53-2	2018-01-15
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride)(TMA)	552-30-7	2018-06-27
183	Dicyclohexyl phthalate (DCHP)	84-61-7	2018-06-27
184	Terphenyl, hydrogenated	61788-32-7	2018-06-27
185	Octamethylcyclotetrasiloxane(D4)	556-67-2	2018-06-27
186	Lead	7439-92-1	2018-06-27

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187	Ethylenediamine	107-15-3	2018-06-27
188	Dodecamethylcyclohexasiloxane(D6)	540-97-6	2018-06-27
189	Disodium octaborate	12008-41-2	2018-06-27
190	Decamethylcyclopentasiloxane (D5)	541-02-6	2018-06-27
191	Benzo[ghi]perylene	191-24-2	2018-06-27
192	Pyrene	129-00-0; 1718-52-1	2019-01-15
193	Phenanthrene	85-01-8	2019-01-15
194	Fluoranthene	206-44-0; 93951-69-0	2019-01-15
195	Benzo[k]fluoranthene	207-08-9	2019-01-15
196	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	2019-01-15
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor; 3-BC)	15087-24-8	2019-01-15

A list of all Substances of Very High Concern is also available here:

https://www.echa.europa.eu/sv/candidate-list-table

Mattmar 2019-02-07

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