

THE MINISTRY OF INDUSTRY AND
TRADE

Circular No. 07/2013/TT-BCT of April 22, 2013, providing the registration of the use of hazardous chemicals for production of products and goods in the industrial sector

Pursuant to the November 21, 2007 Law on Chemicals;

Pursuant to the Government's Decree No. 108/2008/ND-CP of October 7, 2008, detailing and guiding a number of articles of the Law on Chemicals, and Decree No. 26/2011/ND-CP of April 8, 2011, amending and supplementing a number of articles of Decree No. 108/2008/ND-CP;

Pursuant to the Government's Decree No. 95/2012/ND-CP of November 12, 2012, defining the functions, tasks, powers and organizational structure of the Ministry of Industry and Trade;

The Minister of Industry and Trade provides the registration of the use of hazardous chemicals for production of products and goods in the industrial sector.

Chapter I

GENERAL PROVISIONS

Article 1. Scope and subjects of regulation

1. This Circular provides the registration of the use of hazardous chemicals (below referred to as use registration) by organizations and individuals for production of products and goods in the industrial sector.

2. This Circular does not apply to chemicals used for products and goods that are produced before the effective day of this Circular.

Article 2. Interpretation of terms

Use of hazardous chemicals means the process of using hazardous chemicals in industrial production to produce a particular product or goods.

Article 3. List of hazardous chemicals

Hazardous chemicals subject to use registration are provided in Appendix 1 to this Circular.

Article 4. Use of hazardous chemicals

Organizations and individuals using hazardous chemicals for production of products and goods shall comply with provisions of the Law on Chemicals on their rights and obligations, and on the storage and preservation of hazardous chemicals.

Chapter II

**REGISTRATION, REPORT AND
EXAMINATION OF THE USE OF
HAZARDOUS CHEMICAL**

Section 1

USE REGISTRATION

Article 5. Form of use registration

Organizations and individuals using hazardous chemicals shall register in writing the use of hazardous chemicals with provincial-level Industry and Trade Departments in their localities within 15 (fifteen) working days before use. The use registration form is provided in Appendix 2 to this Circular (*not translated*).

Article 6. Re-registration

Organizations and individuals shall re-register the use of hazardous chemicals with provincial-level Industry and Trade Departments in their localities within 15 (fifteen) working days after changing ownership, operation location or use purpose. The registration form is provided in Appendix 2 to this Circular.

Section 2

**REPORTING ON USE OF HAZARDOUS
CHEMICALS**

Article 7. Reports of organizations and individuals

Organizations and individuals using hazardous chemicals shall report on the use of the chemicals according to contents registered with provincial-level Industry and Trade Departments in their localities before June 10, for biannual reports, and before December 10, for annual reports. The content of reports is provided in Appendix 3 to this Circular (*not translated*).

Article 8. Reports of provincial-level Industry and Trade Departments

Provincial-level Industry and Trade Departments shall report on the use of hazardous chemicals in the localities under their management to the Ministry of Industry and Trade (The Vietnam Chemicals Agency) before July 10, for biannual reports, and before January 10, for annual reports. The content of reports is provided in Appendix 4 to this Circular (*not translated*).

Article 9. Confidentiality of information and use of confidential information in reports

1. Report-receiving agencies defined in Articles 7 and 8 of this Circular shall keep confidential information and use confidential information in reports of organizations and individuals according to Articles 50 and 51 of the Law on Chemicals, Clause 1, Article 19 of the Government's Decree No. 108/2008/ND-CP of October 7, 2008, detailing and guiding a number of articles of the Law on Chemicals, and Article 43 of the Ministry of Industry and Trade's Circular No. 28/2010/TT-BCT of June 28, 2010, detailing a number of articles of the Law on Chemicals and Decree No. 108/2008/ND-CP.

2. Important information aiming to protect community health and the environment is not regarded as confidential according to Clause 2, Article 19 of Decree No. 108/2008/ND-CP.

Section 3

**EXAMINATION OF USE OF
HAZARDOUS CHEMICALS**

Article 10. Cases of irregular examination

1. Organizations and individuals fail to register the use of hazardous chemicals under Article 5 of this Circular.

2. Organizations and individuals fail to re-register the use of hazardous chemicals under Article 6 of this Circular.

3. Organizations and individuals use hazardous chemicals not for registered purposes.

4. Organizations and individuals fail to report on the use of hazardous chemicals under Point a, Clause 2, Article 12 of this Circular within 20 (twenty) days after receiving written requests for report of provincial-level Industry and Trade Departments.

5. Through their management, superior state agencies detect information and documents with signs of violation of this Circular.

Article 11. Examination agencies

1. Provincial-level Industry and Trade Departments shall examine the use registration and reporting on the use of hazardous chemicals by organizations and individuals in localities under their management under Article 10 of this Circular.

2. In the process of examination, an examination agency shall:

a/ Have an examination decision issued by its head;

b/ Ensure objectiveness, publicity and transparency during examination;

c/ Take responsibility for examination results and related conclusions.

Chapter III

IMPLEMENTATION PROVISION

Article 12. Responsibilities of competent agencies

1. The Vietnam Chemicals Agency shall:

a/ Assume the prime responsibility for, and coordinate with provincial-level Industry and Trade Departments in, guiding and popularizing the implementation of this Circular;

b/ Summarize the use registration of hazardous chemicals in the industrial sector in localities;

c/ Assume the prime responsibility for, and coordinate with related agencies in, considering and submitting to the leaders of the Ministry of Industry and Trade for modification and supplementation of the list of

hazardous chemicals provided in Appendix 1 to this Circular in conformity with reality and international regulations.

2. Provincial-level Industry and Trade Departments shall:

a/ Send written requests to organizations and individuals using hazardous chemicals for reporting according to Article 7 of this Circular. Summarize the use registration of hazardous chemicals in the industrial sector in localities under their management;

b/ Report to the Ministry of Industry and Trade (the Vietnam Chemicals Agency) on the use registration of hazardous chemicals in localities under their management; and on results of examination of the use of hazardous chemicals according to Article 10 of this Circular.

Article 13. Responsibilities of organizations and individuals

Organizations and individuals using hazardous chemicals shall take responsibility for the use registration and the use purpose, and comply with this Circular. If violating this Circular, they shall be administratively sanctioned under regulations.

Article 14. Effect

1. This Circular takes effect on January 1, 2014.

2. Any problems arising in the course of implementation should be promptly reported to the Ministry of Industry and Trade for consideration, amendment and supplementation.-

For the Minister of Industry and Trade
Deputy Minister
LE DUONG QUANG

Appendix 1

LIST OF HAZARDOUS CHEMICALS

(To the Minister of Industry and Trade's Circular No. 07/2013/TT-BCT of April 22, 2013)

No.	Name of chemical	Chemical formula	CAS number
1	[4-[[4-anilino-1-naphthyl] [4-(dimethylamino)phenyl]methylene] cyclohexa-2,5-dien-1-ylidene] dimethyl ammonium chloride	$C_{33}H_{32}N_3Cl$	2580-56-5
2	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1- ylidene]dimethyl ammonium chloride	$C_{25}H_{30}ClN_3$	548-62-9
3	[Phthalato(2-)]dioxotrilead	$C_8H_4O_6Pb_3$	69011-06-9
4	1,2,3-Trichloropropane	$C_3H_5Cl_3$	96-18-4
5	1,2-Benzenedicarboxylic acid, di-C6-8- branched alkyl esters, C7-rich	$C_{22}H_{34}O_4$	71888-89-6
6	1,2-Benzenedicarboxylic acid, di-C7-11- branched and linear alkyl esters	$C_{22}H_{34}O_4$ - $C_{30}H_{50}O_4$	68515-42-4
7	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	$C_{18}H_{26}O_4$	84777-06-0
8	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	$C_8H_{18}O_4$	112-49-2
9	1,2-dichloroethane	$C_2H_4Cl_2$	107-06-2
10	1,2-Diethoxyethane	$C_6H_{14}O_2$	629-14-1
11	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	$C_4H_{10}O_2$	110-71-4
12	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5- triazine-2,4,6-trione (TGIC)	$C_{12}H_{15}N_3O_6$	2451-62-9
13	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]- 1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β -TGIC)	$C_{12}H_{15}N_3O_6$	59653-74-6
14	1-bromopropane (n-propyl bromide)	C_3H_7Br	106-94-5
15	1-Methyl-2-pyrrolidone	C_5H_9NO	872-50-4
16	2,4-Dinitrotoluene	$C_7H_6N_2O_4$	121-14-2
17	2-Ethoxyethanol	$C_4H_{10}O_2$	110-80-5

18	2-Ethoxyethyl acetate	$C_6H_{12}O_3$	111-15-9
19	2-Methoxyaniline; o-Anisidine	C_7H_9NO	90-04-0
20	2-Methoxyethanol	$C_3H_8O_2$	109-86-4
21	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	$C_{11}H_{23}NO$	143860-04-2
22	4-(1,1,3,3-tetramethylbutyl)phenol	$C_{14}H_{22}O$	140-66-9
23	4-(1,1,3,3-tetramethylbutyl)phenol	$C_{14}H_{22}O$	140-66-9
24	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	$C_{24}H_{29}N_3O$	561-41-1
25	4,4'-bis(dimethylamino) benzophenone	$C_{17}H_{20}N_2O$	90-94-8
26	4,4'-methylenedi-o-toluidine	$C_{15}H_{18}N_2$	838-88-0
27	4,4'-oxydianiline and its salts	$C_{12}H_{12}N_2O$	101-80-4
28	4-Aminoazobenzene	$C_{12}H_{11}N_3$	60-09-3
29	4-Nonylphenol, branched and linear	$C_{15}H_{24}O$	
30	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	$C_{12}H_{15}N_3O_6$	81-15-2
31	6-methoxy-m-toluidine (p-cresidine)	$C_8H_{11}NO$	120-71-8
32	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) (Chloroalkanes C10-13)		85535-84-8
33	Aluminosilicate Refractory Ceramic Fibres Ceramic Fibres (Aluminosilicate) (Aluminosilicate Refractory Ceramic Fibres (SiO_2 , Al_2O_3))		142844-00-6
34	Ammonium dichromate	$N_2H_8Cr_2O_7$	7789-09-5
35	Anthracene	$C_{14}H_{10}$	120-12-7
36	Anthracene oil		90640-80-5
37	Anthracene oil, anthracene paste		90640-81-6
38	Anthracene oil, anthracene paste, anthracene fraction (Anthracene oil, Fraction)		91995-15-2
39	Anthracene oil, anthracene paste, distn. lights		91995-17-4

40	Anthracene oil, anthracene-low		90640-82-7
41	Benzyl butyl phthalate (BBP)	$C_{19}H_{20}O_4$	85-68-7
42	Bis (2-ethylhexyl)phthalate (DEHP)	$C_{24}H_{38}O_4$	117-81-7
43	Bis(2-methoxyethyl) ether	$C_6H_{14}O_3$	111-96-6
44	Bis(2-methoxyethyl) phthalate	$C_{14}H_{18}O_6$	117-82-8
45	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE) (Decabromodiphenyl oxide)	$C_{12}Br_{10}O$	1163-19-5
46	Bis(tributyltin)oxide (TBTO)	$C_{24}H_{54}OSn_2$	56-35-9
47	Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid.	H_2CrO_4 $H_2Cr_2O_7$	7738-94-5, 13530-68-2
48	Chromium trioxide Chromic acid Chromic anhydride	CrO_3	1333-82-0
49	Cobalt cacbonat Cobalt(II) carbonate	$CoCO_3$	7542-09-8 513-79-1
50	Cobalt dichloride Cobalt muriate Cobaltous chloride	$CoCl_2$	7646-79-9
51	Cobalt(II) diacetate	$C_4H_6CoO_4$	71-48-7
52	Cobalt(II) dinitrate (Cobaltous nitrate)	$CoN_2O_6/Co(NO_3)_2$	10141-05-6
53	Cobaltous sulfate Cobalt (II) sulfate	$CoSO_4$	10124-43-3
54	Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane- 1,2-dicarboxylic anhydride (Cis-1,2- Cyclohexanedicarboxylic Anhydride, Hexahydrophthalic anhydride)	$C_8H_{10}O_3$	85-42-7, 13149-00-3, 14166-21-3
55	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (Azodicarbonamide)	$C_2H_4N_4O_2$	123-77-3

56	Diboron trioxide (Boric anhydride Boron trioxide Boron sesquioxide)	B_2O_3	1303-86-2
57	Dibutyl phthalate (DBP) (1,2-Benzenedicarboxylic acid dibutyl ester, Di-n-butyl phthalate)	$C_{16}H_{22}O_4 /$ $C_6H_4(COOC_4H_9)_2$	84-74-2
58	Dibutyltin dichloride (DBTC)	$C_8H_{18}Cl_2Sn$	683-18-1
59	Dichromium tris(chromate)	Cr_8O_{21}	24613-89-6
60	Diisobutyl phthalate	$C_{16}H_{22}O_4$	84-69-5
61	Diisopentylphthalate	$C_{13}H_{16}O_4$	605-50-5
62	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	$C_{10}H_{12}N_2O_5$	88-85-7
63	Dioxobis(stearato)trilead	$C_{36}H_{70}O_6Pb_3$	12578-12-0
64	Disodium tetraborate, anhydrous, Sodium tetraborate decahydrate Sodium tetraborate, Sodium tetraborate pentahydrate	$B_4H_{10}Na_2O_7$ $B_4Na_2O_7$ $B_4H_{10}Na_2$	1303-96-4, 1330- 43-4, 12179-04-3
65	Fatty acids, C16-18, lead salts		91031-62-8
66	Formaldehyde, oligomeric reaction products with aniline	$(C_6H_7NCH_2O)_x$	25214-70-4
67	Furan	C_4H_4O	110-00-9
68	Henicosafuoroundecanoic acid (Perfluoroundecanoic acid)	$C_{11}HF_{21}O_2$	2058-94-8
69	Heptacosafuorotetradecanoic acid	$C_{14}HF_{27}O_2$	376-06-7
70	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane, Beta-hexabromocyclododecane Gamma- hexabromocyclododecane (1,2,5,6,9,10-Hexabromocyclododecane)	$C_{12}H_{18}Br_6$	25637-99-4, 3194- 55-6 (134237-50-6) (134237-51-7) (134237-52-8)
71	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3- methylphthalic anhydride (Methylhexahydrophthalic anhydride)	$C_9H_{12}O_3$	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9

72	Lead chromate	PbCrO_4 ($\text{CrH}_2\text{O}_4 \cdot \text{Pb}$)	7758-97-6
73	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	PbCrO_4 , PbMoO_4 , PbSO_4	12656-85-8
74	Lead diazide, Lead azide	PbN_6	13424-46-9
75	Lead dinitrate	PbN_2O_6	10099-74-8
76	Lead dipicrate	$\text{C}_{12}\text{H}_4\text{N}_6\text{O}_{14}\text{Pb}$	6477-64-1
77	Lead hydrogen arsenate (Lead arsenate)	PbHAsO_4	7784-40-9
78	Lead oxide sulfate (Lead(II) sulfate, tribasic Lead sulfate(II))	PbSO_4	12036-76-9
79	Lead styphnate (Lead 2,4,6-trinitro-m- phenylene dioxide)	$\text{C}_6\text{HN}_3\text{O}_8\text{Pb}$	15245-44-0
80	Lead sulfochromate yellow (Pigment Yellow 34)	$\text{PbCrO}_4 + \text{PbSO}_4$	1344-37-2
81	Lead titanium trioxide	PbTiO_3	12060-00-3
82	Lead titanium zirconium oxide	PbTiZrO_2	12626-81-2
83	Lead(II) bis(methanesulfonate) (Lead(II) methanesulfonate)	$\text{C}_2\text{H}_6\text{O}_6\text{PbS}_2$	17570-76-2
84	Methoxyacetic acid	$\text{C}_3\text{H}_6\text{O}_3$	625-45-6
85	Methyloxirane (Propylene oxide)	$\text{C}_3\text{H}_6\text{O}$	75-56-9
86	N,N,N',N'-tetramethyl-4,4'- methylenedianiline (4,4'-Methylenebis (N,N-dimethylaniline))	$\text{C}_{17}\text{H}_{22}\text{N}_2$	101-61-1
87	N,N-dimethylacetamide	$\text{C}_4\text{H}_9\text{NO}$	127-19-5
88	N,N-dimethylformamide	$\text{C}_3\text{H}_7\text{NO}$	68-12-2
89	N-methylacetamide	$\text{C}_3\text{H}_7\text{NO}$	79-16-3
90	N-pentyl-isopentylphthalate (Isopentyl Pentyl Phthalate)	$\text{C}_{18}\text{H}_{26}\text{O}_4$	776297-69-9
91	o-aminoazotoluene	$\text{C}_{14}\text{H}_{15}\text{N}_3$	97-56-3
92	Orthoboric acid Boric acid	BH_3O_3	10043-35-3, 11113-50-1
93	o-Toluidine	$\text{C}_7\text{H}_9\text{N}$	95-53-4

94	Pentacosafuorotridecanoic acid	$C_{13}HF_{25}O_2$	72629-94-8
95	Pentalead tetraoxide sulphate	Pb_5SO_8	12065-90-6
96	Pentazinc chromate octahydroxide	$Zn_5CrH_8O_{12}$	49663-84-5
97	Phenolphthalein	$C_{20}H_{14}O_4$	77-09-8
98	Pitch, coal tar, high temp.		65996-93-2
99	Potassium chromate	K_2CrO_4	7789-00-6
100	Potassium dichromate	$K_2Cr_2O_7$	7778-50-9
101	Potassium hydroxyoctaoxodizincatedichromate	$K_2ZnCr_2O_8$	11103-86-9
102	Pyrochlore, antimony lead yellow		8012-00-8
103	Silicic acid ($H_2Si_2O_5$), barium salt (1:1), lead-doped		68784-75-8
104	Sodium chromate	Na_2CrO_4	7775-11-3
105	Sodium dichromate	$Na_2Cr_2O_7$	7789-12-0, 10588-01-9
106	Strontium chromate	$SrCrO_4$	7789-06-2
107	Sulfurous acid, lead salt, dibasic	$PbSO_3$	62229-08-7
108	Tetraboron disodium heptaoxide, hydrate	$B_4H_{14}Na_2O_{8-12}$	12267-73-1
109	Tetralead trioxide sulphate	$Pb_4O_3SO_4$	12202-17-4
110	Tricosafuorododecanoic acid	$C_{12}HF_{23}O_2$	307-55-1
111	Triethyl arsenate	$C_6H_{15}AsO_4$	15606-95-8
112	Trilead bis(carbonate)dihydroxide	$2CO_3 \cdot 2Pb \cdot H_2O_2Pb$	1319-46-6
113	Trilead diarsenate	$Pb_3As_2O_8$	3687-31-8
114	Trilead dioxide phosphonate	HO_5PPb_3	12141-20-7
115	Tris(2-chloroethyl)phosphate	$C_6H_{12}Cl_3O_4P$	115-96-8
116	Zirconia Aluminosilicate Refractory Ceramic Fibres (ZrRCF)		
117	α, α -Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol	$C_{34}H_{35}N_3O$	1325-85-5