

Notification of Ministry of Industry
Subject: Declaration of the hazardous substances under the authorization of
Department of Industrial Works by producer, importer, exporter, or possessor
(No.2) B.E. 2563 (2020)

By the virtue of Section 5 paragraph three and Section 20 (1) of the Hazardous Substance Act B.E. 2535 (1992), which contains some revisions of the Hazardous Substance Act (No. 4) B.E. 2562 (2019), the Minister of Industry, with the opinions of the Committee on Hazardous Substance, hereby issues the ministerial notification as follows:

Provisions in Section 4 of the Notification of Ministry of Industry, subject: Declaration of the hazardous substances under the authorization of Department of Industrial Works by producer, importer, exporter, or possessor B.E. 2547 (2004) shall be repealed and replaced with followings:

“Producer, importer, exporter, or possessor who have or had have the hazardous substances designated on the list attached to this notification in each listing of hazardous substance volume exceeding 100 kilograms, in period during January to June or during July to December, shall declare the information about its name, chemical formula and proportion, trade name, common name or abbreviation (if any), hazardous substance type 2 operation receipt number or license number and registration number (if any), produced, imported, exported, or possessed quantity, sold quantity, used quantity or its customer name, identification number and his/her purpose of purchasing, to the competent authority by using the form WoOr./OrKo.7, form WoOr./OrKo.7.1, and form WoOr./OrKo.7.2 as attached to this notification”.

This Notification shall come into force as from the day following the date of its publication in the Government Gazette.

Announced on the 18th December B.E. 2563 (2020)
Mr. Suriya Juangroongruangkit
Minister of Industry

(Published in the Government Gazette, Volume 138, special Part 47 Ngor, dated 2nd March B.E.2564 (2021))

List of hazardous substances annexed to the Notification of Ministry of Industry
Subject: Declaration of hazardous substances under the authorization of Department of
Industrial Works by producer, importer, exporter, or possessor
(No. 2) B.E. 2563 (2020)

No.	List 5.1 In the notification of the Ministry of Industry on the list of hazardous substances
6	1,1,1-trichloroethane or methylchloroform
7	1,1,2-trichloroethane
15	1,4-butanediol or 1,4-butylene glycol
17	2-(thiocyanomethylthio) benzothiazole
40	4-nitrodiphenyl
42	4-aminodiphenyl
45	2,2-diphenyl-2-hydroxyacetic acid
46	Gamma-hydroxyvaleric acid
48	Sulfuric acid
49	Sulfuric acid, fuming or oleum
54	Boric acid
58	Phosphoric acid
61	<i>o</i> -phosphoric acid
63	Acetic acid
64	Hydrochloric acid
69	Gamma-butyrolactone or butyrolactone
75	Chlorpyrifos
76	Chlorine
82	Chloroform or trichloromethane
84	Quinuclidine-3-ol
86	Copper (II) sulphate (pentahydrate)
87	Copper (II) hydroxide

91	Carbon tetrachloride or tetrachloromethane
92	Carbendazim
93	Cuprous oxide
100	Calcium hypochlorite
101	Cobalt carbonyl or cobalt tetracarbonyl or octacarbonyldicobalt
106	Sulfur dichloride
119	Sulfur monochloride
120	Sulphur hexafluoride
123	Zineb
141	Sec-butyl mercaptan or 2-butanethiol
145	Sodium chlorate
147	Sodium cyanide
148	Sodium tetraborate pentahydrate
149	Sodium tetra borate decahydrate or borax
154	Sodium hypochlorite
156	Cypermethrin
159	Cyanogen chloride
162	Dazomet
167	Dichlorophen
177	Dimethyl phosphite
179	Diuron
182	Diethyl phosphite
183	Diethyl ether
185	Tetrachloroethane or acetylene tetra chloride or
	1,1,2,2-tetrachloroethane
186	Tetramethyl lead
188	Tetraethyl lead
195	Tributyl tin fluoride

196	Tributyl tin oxide
199	Trimethyl phosphite
202	Triethanolamine
203	Triethyl phosphite
208	Tert-butyl mercaptan or 2-methyl-2-propanethiol
209	Terbutryn
214	Toluene
218	Thiram
219	Thaibendazole
222	Thiodiglycol : bis (2-hydroxyethyl) sulfide
225	Thiourea
226	n-butyl mercaptan or 1-butanethiol
230	Naphthylamine
239	Bis (2-methoxyethyl) ether or diethylene glycol dimethyl ether
244	Benzalkonium chloride or alkylbenzyltrimethylammoniumchloride
245	Benzidine
246	Benzyl chloride
247	Benzyl cyanide
253	Barium carbonate
266	Paraquat dichloride
268	Pinacolyl alcohol : 3,3-dimethylbutane-2-ol
269	PFC C-318
270	PFC-116
271	PFC-14
272	PFC-218
273	PFC-31-10
274	PFC-41-12
275	PFC-51-14

276	PFC-91-18
281	Permethrin
283	Potassium cyanide
292	Piperidine
296	Formaldehyde or methanal
298	Phosgene or carbonyl chloride
299	Phosphorus (white or yellow, red and black)
301	Phosphorus trichloride
302	Phosphorus pentachloride
305	Phosphorus oxychloride or phosphoryl chloride
313	Fenuron
314	Ferbam
321	Methanol or methyl alcohol
323	Methyl chloride or chloromethane
328	Methyl ethyl ketone
333	Methylene chloride or dichloromethane
334	Mercury (II) chloride
335	Mercury (II) chromate
336	Mercury (II) sulfide
337	Mercury (II) thiocyanate
338	Mercury (II) oxide
339	Mercury
355	Vinyl chloride or chloroethene
361	o-dichlorobenzene or 1,2-dichlorobenzene
367	Acetone
372	Arsenic
373	Arsenic trichloride or arsenic (III) chloride
374	Arsenic trioxide

375	Arsenic pentoxide or arsenic oxide
377	Ethanethiol or ethyl mercaptan
379	HCFC-121 or tetrachlorofluoroethane
380	HCFC-122 or trichlorodifluoroethane
381	HCFC-123 or dichlorotrifluoroethane
382	HCFC-124 or chlorotetrafluoroethane
383	HCFC-131 or trichlorodifluoroethane
384	HCFC-132 or dichlorodifluoroethane
385	HCFC-133 or chlorotrifluoroethane
386	HCFC-141 or dichlorofluoroethane
387	HCFC-142 or chlorodifluoroethane
388	HCFC-151 or chlorofluoroethane
389	HCFC-21 or dichlorofluoromethane
390	HCFC-22 or chlorodifluoromethane
391	HCFC-221 or hexachlorofluoropropane
392	HCFC-222 or pentachlorodifluoropropane
393	HCFC-223 or tetrachlorotrifluoropropane
394	HCFC-224 or trichlorotetrafluoropropane
395	HCFC-225 or dichloropentafluoropropane
396	HCFC-226 or chlorohexafluoropropane
397	HCFC-231 or pentachlorofluoropropane
398	HCFC-232 or tetrachlorodifluoropropane
399	HCFC-233 or trichlorotrifluoropropane
400	HCFC-234 or dichlorotetrafluoropropane
401	HCFC-235 or chloropentafluoropropane
402	HCFC-241 or tetrachlorofluoropropane
403	HCFC-242 or trichlorodifluoropropane
404	HCFC-243 or dichlorotrifluoropropane

405	HCFC-244 or chlorotetrafluoropropane
406	HCFC-251 or trichlorofluoropropane
407	HCFC-252 or dichlorodifluoropropane
408	HCFC-253 or chlorotrifluoropropane
409	HCFC-261 or fluorodichloropropane
410	HCFC-262 or chlorodifluoropropane
411	HCFC-271 or chlorofluoropropane
412	HCFC-31 or chlrofluoromethane
413	HFC-125
414	HFC-134
415	HFC-134a
416	HFC-143
417	HFC-143a
418	HFC-152
419	HFC-152a
420	HFC-161
421	HFC-227ca
422	HFC-227ea
423	HFC-23
424	HFC-236cb
425	HFC-236ea
426	HFC-236fa
427	HFC-245ca
428	HFC-245fa
429	HFC-32
430	HFC-365mfc
431	HFC-41
432	HFC-43-10mee

433	HFC-c-447-ef
443	Ethylene dichloride or 1,2-dichloroethane
446	Ethylene oxide or oxirane
453	N-methyldiethanolamine
455	N-ethyldiethanolamine
463	Asbestos: chrysotile
481	Hydrogen chloride, refrigerated liquid
482	Hydrogen chloride, anhydrous
484	Hydrogen cyanide
498	1-phenyl-2-nitropropane
499	2,2',3,3',4,5',6-heptabromodiphenyl ether (BDE-175)
500	2,2',3,4,4',5',6-heptabromodiphenyl ether (BDE-183)
501	2,2',4,4'-tetrabromodiphenyl ether (BDE-47)
502	2,2',4,4',5-pentabromodiphenyl ether (BDE-99)
503	2,2',4,4',5,5'-hexabromodiphenyl ether (BDE-153)
504	2,2',4,4',5,6'-hexabromodiphenyl ether (BDE-154)
505	Perfluorooctane sulfonic acid
507	Didecyldimethylammoniumperfluorooctane sulfonate
508	Diethanolammoniumperfluorooctane sulfonate
509	Tetraethylammonium perfluorooctane sulfonate
510	Perfluorooctane sulfonyl fluoride
511	Potassium perfluorooctane sulfonate
512	Mercury (I) chloride
513	Mercury (II) sulfate
514	Mercury (II) nitrate
515	Lithium perfluorooctane sulfonate
516	Octabromodiphenyl ether

517	Ammonium perfluorooctane sulfonate
519	Decabromodiphenyl ether
520	Chloroalkanes, C6-C18
521	Chloroalkanes, C10-C12
522	Chloroalkanes, C10-13
523	Chloroalkanes, C10-C14
524	Chloroalkanes, C12-C13
525	Chloroalkanes, C12-C14
	List 5.4
No.	In the notification of the Ministry of Industry on the list of hazardous substances
4	Perfluorocarbons
5	Hydrochlorofluorocarbons
6	Hydrofluorocarbons
11	Mercury compounds
	List 5.5
No.	In the notification of the Ministry of Industry on the list of hazardous substances
7	Chemicals, except for those listed in Schedule 1, containing a phosphorus atom to which is bonded one methyl, ethyl or propyl (normal or iso) group but not further carbon atoms e.g. methylphosphonyl dichloride, dimethyl methylphosphonate exemption: fonofos: O-Ethyl S-phenyl thylphosphonothiolothionate exemption: fonofos: O-Ethyl S-phenyl thylphosphonothiolothionate
8	N,N-dialkyl (Me, Et, n-Pr or i-Pr) phosphoramidic dihalides
9	Dialkyl (Me, Et, n-Pr or i-Pr) N,N-dialkyl (Me, Et, n-Pr or i-Pr)-phosphoramidates
10	N,N-dialkyl (Me, Et, n-Pr or i-Pr) aminoethyl-2-chlorides and corresponding protonated salts

11	N,N-dialkyl (Me, Et, n-Pr or i-Pr)aminoethane-2-ols and corresponding protonated salts Exemptions: N,N-Dimethylaminoethanol and corresponding protonated salts N,N-diethylaminoethanol and corresponding protonated salts
12	N,N-dialkyl (Me, Et, n-Pr or i-Pr) aminoethane-2-thiols and corresponding protonated salts

**Declaration Form of Manufacturer, Importer, Exporter, or Possessor
of Hazardous Substance under responsibility of Department of Industrial Works**

Operator name.....

Address.....Tel.....

Membership number Tax Identification Number.....

Operation Period 1 (January – June B.E.) Period 2 (July – December B.E.....)

Total listing number of Hazardous Substance

Listing No.	Hazardous Substance Name / Trade name (if any)	Brought forward Volume (kg.)	Quantity (kg.)		Balance (kg.) (Brought forward Volume + Received - Distribute)
			Collecting	Distributing	

Date.....

(Sign).....(Informer)

(.....)

Hazardous Substance No. Name of Hazard Substance

CAS.NO..... Type of Hazardous Substance O 1 O 2 O 3

Trade Name.....

Chemical Formula and Proportion

Registration No. WoOr.....License/ Operation Receipt No.....

Collecting Volume (kg.)	Distributing Volume (kg.)
1. Brought Forward	
2. Import	9. Export
3. Manufacture	10. Domestic Sales ⁽²⁾
4. Depository ⁽¹⁾	11. Depositor ⁽¹⁾
5. Domestic Purchase ⁽¹⁾	12. Used ⁽³⁾
6. Others ⁽⁴⁾ (Specify.....)	13. Others ⁽⁴⁾ (Specify.....)
7. Incoming Total (2+3+4+5+6)	14. Distributing Total (9+10+11+12+13)
	15. Balance (8-14)
8. Collecting Total (1+7)	16. Total (14+15)

Notation

⁽¹⁾ For Depository or Domestic Purchase or Depositor should complete form WoOr./OrKo.7.2 as following detail: Hazardous Substance Listing Number, Depository's name or Depositor's name or Vendor's name, Tax Identification Number, Telephone, and hazardous substance quantity(kg).

⁽²⁾ For Domestic Sales should complete form WoOr./OrKo.7.2 as following detail: Hazardous Substance Listing Number, Tax Identification Number, Telephone, Purpose of purchasing and hazardous substance quantity(kg).

⁽³⁾ For Used should complete form WoOr./OrKo.7.2 as following detail: Hazardous Substance Listing Number, Purpose of purchasing and hazardous substance quantity(kg).

⁽⁴⁾ For Others (Specify.....) must specify collection or distributing as case-by-case, should complete form WoOr./OrKo.7.2 as following detail: Hazardous Substance Listing Number, Tax Identification Number, Telephone, Purpose of purchasing and hazardous substance quantity(kg).

Hazardous Substance Declaration Detail Listing Number.....

Name of Hazard Substance

Tax Identification Number.....

Depository

Listing No.	Depositor Name	Tax Identification No.	Tel.	Quantity (kg.)
Total				

Domestic Purchasing

Listing No.	Vendor Name	Tax Identification No.	Tel.	Quantity (kg.)
Total				

Depositor

Listing No.	Depository Name	Tax Identification No.	Tel.	Quantity (kg.)
Total				

Domestic Sales

Listing No.	Buyer Name	Tax Identification No.	Tel.	Purpose of purchasing	Quantity (kg.)
Total					

Used

Listing No.	Use in Business operation type	Quantity (kg.)
Total		

Others (Specify.....)

Listing No.	Name	Tax Identification No.	Tel.	Use in Business operation type	Quantity (kg.)
Total					

Notation

- Fill in only relevant case
- Number of rows can be added according to the number of Hazardous Substance