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No. S 82

ENVIRONMENTAL PROTECTION AND MANAGEMENT ACT 1999

ENVIRONMENTAL PROTECTION AND MANAGEMENT (HAZARDOUS SUBSTANCES) (AMENDMENT) REGULATIONS 2023

In exercise of the powers conferred by section 77 of the Environmental Protection and Management Act 1999, the National Environment Agency, with the approval of the Minister for Sustainability and the Environment, makes the following Regulations:

Citation and commencement

1. These Regulations are the Environmental Protection and Management (Hazardous Substances) (Amendment) Regulations 2023 and come into operation on 21 August 2023.

Amendment of regulation 2

2. In the Environmental Protection and Management (Hazardous Substances) Regulations (Rg 4), in regulation 2(1), after the definition of “carrier”, insert —

““Chemical Weapons Convention” means the Convention on the Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons and on their Destruction concluded at Paris on 13 January 1993;”.

Amendment of Schedule

3. In the Environmental Protection and Management (Hazardous Substances) Regulations, in the Schedule —

(a) replace the item “1,2-dibromoethane (EDB)” with —

“	1,2-Dibromoethane (EDB)	0
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2,2-Diphenyl-2-hydroxyacetic acid	50	”;
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(b) after the item “Alachlor”, insert —

Alkyl (Me, Et, n-Pr or i-Pr) phosphonyldifluorides	0	”;
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(c) after the item “Allyl isothiocyanate”, insert —

Amiton: O,O-Diethyl S-[2-(diethylamino)ethyl] phosphorothiolate and corresponding alkylated or protonated salts	0	”;
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(d) after the item “Bromine; Bromine solutions”, insert —

BZ: 3-Quinuclidinyl benzilate	0	”;
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(e) before the item “Carbon monoxide”, insert —

Carbamates (quaternaries and bisquaternaries of dimethylcarbamoyloxypyridines)	0	”;
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(f) after the item “Carbon tetrafluoride”, insert —

Chemicals, except for those listed in Schedule 1 of the Annex on Chemicals of the Chemical Weapons Convention, containing a phosphorus atom to which is bonded one methyl, ethyl or propyl (normal or iso) group but not further carbon atoms	50	”;
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(g) after the item “Chloropicrin”, insert —

Chlorosarin: O-Isopropyl methylphosphonochloridate	0	”;
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(h) after the item “Chlorosilanes”, insert —

Chlorosoman: O-Pinacolyl methylphosphonochloridate	0	”;
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(i) replace the item “Cyanides” with —

Cyanides, excepting cyanogen chloride	50	”;
Cyanogen chloride	50	

(j) before the item “Diborane”, insert —

Dialkyl (Me, Et, n-Pr or i-Pr) N,N-dialkyl (Me, Et, n-Pr or i-Pr)-phosphoramidates	50
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(k) after the item “Dibromochloropropane”, insert —

Diethyl phosphite	50
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(l) after the item “Lead tetra-ethyl and similar lead containing compounds in petrol intended for use in Singapore as a fuel for motor vehicles”, insert —

Lewisites	0
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(m) after the item “Metanil yellow (sodium salt of metanilylazo-diphenylamine)”, insert —

Methyl-(bis(diethylamino)methylene)phosponamidofluoridate	0
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(n) delete the items “Monomethyltetrachloro diphenyl methane” and “Monomethyl-dichloro-diphenyl methane”;

(o) after the item “Monomethyl-dibromodiphenyl methane”, insert —

Monomethyl-dichloro-diphenyl methane	0
Monomethyltetrachloro diphenyl methane	0
N,N-Dialkyl (Me, Et, n-Pr or i-Pr) aminoethane-2-thiols and corresponding protonated salts	50
N,N-Dialkyl (Me, Et, n-Pr or i-Pr) aminoethyl-2-chlorides and corresponding protonated salts	50

(p) after the item “Nitric oxide”, insert —

Nitrogen mustards	0
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(q) before the item “Oleum”, insert —

O-Alkyl ($\leq C_{10}$, incl. cycloalkyl) alkyl (Me, Et, n-Pr or i-Pr)-phosphonofluoridates	0
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O-alkyl (H or $\leq C_{10}$, incl. cycloalkyl) N-(1-(dialkyl($\leq C_{10}$, incl. cycloalkyl)amino))alkylidene(H or $\leq C_{10}$, incl. cycloalkyl) phosphoramidofluoridates and corresponding alkylated or protonated salts	0
O-Alkyl (H or $\leq C_{10}$, incl. cycloalkyl) O-2-dialkyl (Me, Et, n-Pr or i-Pr)-aminoethyl alkyl (Me, Et, n-Pr or i-Pr) phosphonites and corresponding alkylated or protonated salts	0
O-Alkyl (H or $\leq C_{10}$, incl. cycloalkyl) S-2-dialkyl (Me, Et, n-Pr or i-Pr)-aminoethyl alkyl (Me, Et, n-Pr or i-Pr) phosphonothiolates and corresponding alkylated or protonated salts	0

(r) after the item “Organo-tin compounds”, insert —

P-alkyl (H or $\leq C_{10}$, incl. cycloalkyl) N-(1-(dialkyl($\leq C_{10}$, incl. cycloalkyl)amino))alkylidene(H or $\leq C_{10}$, incl. cycloalkyl) phosphonamidic fluorides and corresponding alkylated or protonated salts	0
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(s) after the item “Perfluorooctane sulfonic acid (PFOS)”, insert —

PFIB: 1,1,3,3,3-Pentafluoro-2-(trifluoromethyl)-1-propene	0
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(t) after the item “Pyrethroid compounds used as pesticides”, insert —

Quinuclidin-3-ol	50
Ricin	0
Saxitoxin	0

(u) after the item “Tetraethyl lead, tetramethyl lead and similar lead containing compounds”, insert —

Thiodiglycol: Bis(2-hydroxyethyl)sulfide	50
Thionyl chloride	50

(v) after the item “Titanium tetrachloride”, insert —

Triethanolamine	50
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*[G.N. Nos. S 59/2009; S 553/2010; S 440/2011;
S 675/2014; S 790/2014; S 782/2017; S 360/2018;
S 492/2019; S 537/2020; S 202/2021; S 435/2022]*

Made on 15 February 2023.

LEE CHUAN SENG
*Chairperson,
National Environment Agency,
Singapore.*

[C030/01/118; AG/LEGIS/SL/94A/2020/1 Vol. 1]

(To be presented to Parliament under section 77(3) of the Environmental Protection and Management Act 1999).