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ENVIRONMENTAL PROTECTION AND MANAGEMENT ACT 1999

ENVIRONMENTAL PROTECTION AND MANAGEMENT ACT 1999 (AMENDMENT OF SECOND SCHEDULE) ORDER 2023

In exercise of the powers conferred by section 76(1) of the Environmental Protection and Management Act 1999, the Minister for Sustainability and the Environment makes the following Order:

Citation and commencement

1. This Order is the Environmental Protection and Management Act 1999 (Amendment of Second Schedule) Order 2023 and comes into operation on 21 August 2023.

Amendment of Second Schedule

2. In the Environmental Protection and Management Act 1999, in the Second Schedule, in Part I —

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

1,2-Dibromoethane (EDB)	
2,2-Diphenyl-2-hydroxyacetic acid	Substances containing not more than 30%, weight in weight, of 2,2-Diphenyl-2-hydroxyacetic acid.

(b) replace the item “Alachor” with —

Alachlor	
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(c) delete the item “Allyl isothiocyanate”;

(d) after the item “Alkali metal bifluorides; Ammonium bifluoride; Potassium fluoride; Sodium fluoride;

Potassium silicofluoride; Sodium silicofluoride; Silicofluoric acid”, insert —

Alkyl (Me, Et, n-Pr or i-Pr) phosphonyldifluorides, which include but are not limited to — DF: Methylphosphonyldifluoride	
Allyl isothiocyanate	
Amiton: O,O-Diethyl S-[2-(diethylamino)ethyl] phosphorothiolate and corresponding alkylated or protonated salts	

(e) after the item “Bromine; Bromine solutions”, insert —

BZ: 3-Quinuclidinyl benzilate	
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(f) after the item “Carbamates”, insert —

<p>Carbamates (quaternaries and bisquaternaries of dimethylcarbamoyloxy pyridines)</p> <p>Quaternaries of dimethylcarbamoyloxy pyridines: 1-[N,N-dialkyl($\leq C_{10}$)-N-(n-(hydroxyl, cyano, acetoxy)alkyl($\leq C_{10}$)) ammonio]-n-[N-(3-dimethylcarbamoxy-α-picolinyl)-N,N-dialkyl($\leq C_{10}$) ammonio]decane dibromide (n=1-8), which include but are not limited to —</p> <p>1-[N,N-dimethyl-N-(2-hydroxy)ethylammonio]-10-[N-(3-dimethylcarbamoxy-α-picolinyl)-N,N-dimethylammonio]decane dibromide</p>	
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Bisquaternaries of dimethylcarbamoyloxy pyridines: 1,n-Bis[N-(3-dimethylcarbamoyloxy- α -picolyl)-N,N-dialkyl($\leq C_{10}$) ammonio]-alkane-(2,(n-1)-dione) dibromide (n=2-12), which include but are not limited to — 1,10-Bis[N-(3-dimethylcarbamoyloxy- α -picolyl)-N-ethyl-N-methylammonio]decane-2,9-dione dibromide	
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(g) 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, which include but are not limited to — Methylphosphonyl dichloride Dimethyl methylphosphonate	Fonofos: O-Ethyl S-phenyl ethylphosphonothiothionate; Substances containing not more than 30%, weight in weight, of any of these chemicals, excluding methylphosphonyl dichloride and ethylphosphonic dichloride.
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(h) after the item “Chloropicrin”, insert —

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

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

Cyanides, not including cyanogen chloride	
Cyanogen chloride	

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

Dialkyl (Me, Et, n-Pr or i-Pr) N,N-dialkyl (Me, Et, n-Pr or i-Pr)-phosphoramidates	Substances containing not more than 30%, weight in weight, of dialkyl (Me, Et, n-Pr or i-Pr) N,N-dialkyl (Me, Et, n-Pr or i-Pr)-phosphoramidates.
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(l) after the item “Dibromochloropropane”, insert —

Diethyl phosphite	Substances containing not more than 30%, weight in weight, of diethyl phosphite.
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(m) after the item “Lead compounds in paint”, insert —

Lewisites: Lewisite 1: 2-Chlorovinyl-dichloroarsine Lewisite 2: Bis(2-chlorovinyl)chloroarsine Lewisite 3: Tris(2-chlorovinyl)arsine	
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(n) after the item “Metanil yellow (sodium salt of metanilylazo-diphenylamine)”, insert —

Methyl- (bis(diethylamino)methylene)phosphonamidofluoridate	
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(o) delete the items “Monomethyltetrachloro diphenyl methane” and “Monomethyl-dichloro-diphenyl methane”;

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

Monomethyl-dichloro-diphenyl methane	
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Monomethyltetrachloro diphenyl methane	
N,N-Dialkyl (Me, Et, n-Pr or i-Pr) aminoethane-2-thiols and corresponding protonated salts	Substances containing not more than 30%, weight in weight, of N,N-Dialkyl (Me, Et, n-Pr or i-Pr) aminoethane-2-thiols and corresponding protonated salts.
N,N-Dialkyl (Me, Et, n-Pr or i-Pr) aminoethyl-2-chlorides and corresponding protonated salts	Substances containing not more than 30%, weight in weight, of N,N-Dialkyl (Me, Et, n-Pr or i-Pr) aminoethyl-2-chlorides and corresponding protonated salts, excluding 2-(N,N-Diisopropylamino)ethylchloride hydrochloride, and 2-(N,N-Diethylamino)ethylchloride hydrochloride.

(q) after the item “Nitrobenzene”, insert —

Nitrogen mustards: HN1: Bis(2-chloroethyl)ethylamine HN2: Bis(2-chloroethyl)methylamine HN3: Tris(2-chloroethyl)amine	
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(r) before the item “Oleum”, insert —

O-Alkyl ($\leq C_{10}$, incl. cycloalkyl) alkyl (Me, Et, n-Pr or i-Pr)-phosphonofluoridates, which include but are not limited to — Sarin: O-Isopropyl methylphosphonofluoridate Soman: O-Pinacolyl methylphosphonofluoridate	
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, which include but are not limited to — O-n-Decyl N-(1-(di-n-decylamino)-n-decylidene)phosphoramidofluoridate	

Methyl (1-(diethylamino)ethylidene) phosphoramidofluoridate Ethyl (1-(diethylamino)ethylidene) phosphoramidofluoridate	
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, which include but are not limited to — QL: O-Ethyl O-2-diisopropylaminoethyl methylphosphonite	
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, which include but are not limited to — VX: O-Ethyl S-2-diisopropylaminoethyl methyl phosphonothiolate	”;

(s) after the item “Ozone depleting substances”, 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, which include but are not limited to — N-(1-(di-n-decylamino)-n-decylidene)-P-decylphosphonamidic fluoride Methyl-(1-(diethylamino)ethylidene) phosphonamidofluoridate	”;
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(t) after the item “Perfluorooctane sulfonic acid (PFOS)”, insert —

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

Quinuclidin-3-ol	Substances containing not more than 30%, weight in weight, of quinuclidin-3-ol.
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Ricin	
Saxitoxin	

(v) after the item “Thallium; its salts”, insert —

Thiodiglycol: Bis(2-hydroxyethyl)sulfide	Substances containing not more than 30%, weight in weight, of thiodiglycol: Bis(2-hydroxyethyl)sulfide.
Thionyl chloride	Substances containing not more than 30%, weight in weight, of thionyl chloride.

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

Triethanolamine	Substances containing not more than 30%, weight in weight, of triethanolamine.
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(x) in the Note, after the definition of “air conditioner”, 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;”.

Made on 16 February 2023.

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*Permanent Secretary,
 Ministry of Sustainability and
 the Environment,
 Singapore.*

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