



**NOTIFICATION**

The following notification is being circulated in accordance with Article 10.6

<p><b>1. Notifying Member:</b> <u>SINGAPORE</u>  <b>If applicable, name of local government involved (Article 3.2 and 7.2):</b></p>																											
<p><b>2. Agency responsible:</b>          National Environment Agency (NEA)  <b>Name and address (including telephone and fax numbers, email and website addresses, if available) of agency or authority designated to handle comments regarding the notification shall be indicated if different from above:</b></p>																											
<p><b>3. Notified under Article 2.9.2 [X], 2.10.1 [ ], 5.6.2 [ ], 5.7.1 [ ], 3.2 [ ], 7.2 [ ], other:</b></p>																											
<p><b>4. Products covered (HS or CCCN where applicable, otherwise national tariff heading. ICS numbers may be provided in addition, where applicable):</b></p> <table border="1"> <thead> <tr> <th>S/N</th> <th>HS codes</th> <th>Chemical Name</th> <th>Chemicals (non-exhaustive)</th> </tr> </thead> <tbody> <tr> <td rowspan="10">1</td> <td rowspan="10">29315990</td> <td rowspan="10">O-Alkyl(≤C10, including cycloalkyl) alkyl (Me, Et, n-Pr or i-Pr)-phosphonofluoridates e.g. : Sarin Soman</td> <td>O-ALKYL (≤ C10, INCL. CYCLOALKYL) ALKYL (ME, ET, N-PR OR I-PR)-PHOSPHONOFUORIDATES E.G. - SARIN: O-ISOPROPYL METHYLPHOSPHONOFUORIDATE, - SOMAN: O-PINACOLYL METHYLPHOSPHONOFUORIDATE</td> </tr> <tr> <td>O-ISOPROPYL METHYLPHOSPHONOFUORIDATE (SARIN)</td> </tr> <tr> <td>O-PINACOLYL METHYLPHOSPHONOFUORIDATE (SOMAN)</td> </tr> <tr> <td>O-ETHYL METHYLPHOSPHONO FLUORIDATE</td> </tr> <tr> <td>O-CYCLOHEXYL METHYLPHOSPHONO FLUORIDATE (CYCLOSARIN)</td> </tr> <tr> <td>O-n-BUTYL METHYLPHOSPHONO FLUORIDATE</td> </tr> <tr> <td>O-CYCLOHEXYL ETHYLPHOSPHONOFUORIDATE</td> </tr> <tr> <td>O-ISOPROPYL-D7 METHYLPHOSPHONOFUORIDATE</td> </tr> <tr> <td>O-PINACOLYL-D13 METHYLPHOSPHONOFUORIDATE</td> </tr> <tr> <td>O-ISOPROPYL ETHYLPHOSPHONOFUORIDATE</td> </tr> <tr> <td>O-ISOBUTYL METHYLPHOSPHONOFUORIDATE</td> </tr> <tr> <td rowspan="3">2</td> <td rowspan="3">29309090</td> <td rowspan="3">O-Alkyl (H or ≤C10, 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 e.g. VX</td> <td>O-ALKYL (H OR ≤ C10, INCL. CYCLOALKYL) S-2-DIALKYL (ME, ET, N-PR OR I-PR)-AMINOETHYL ALKYL (ME, ET, N-PR OR I-PR) PHOSPHONOTHIOATES AND CORRESPONDING ALKYLATED OR PROTONATED SALTS E.G. - VX: O-ETHYL S-2-DIISOPROPYLAMINOETHYL METHYL PHOSPHONOTHIOATE</td> </tr> <tr> <td>O-ETHYL S-2- DIISOPROPYLAMINOETHYL METHYLPHOSPHONOTHIOATE (VX)</td> </tr> <tr> <td>O-(2-METHYLPROPYL) S-2-DIETHYLAMINOETHYL METHYLPHOSPHONOTHIOATE (RUSSIAN VX)</td> </tr> </tbody> </table>				S/N	HS codes	Chemical Name	Chemicals (non-exhaustive)	1	29315990	O-Alkyl(≤C10, including cycloalkyl) alkyl (Me, Et, n-Pr or i-Pr)-phosphonofluoridates e.g. : Sarin Soman	O-ALKYL (≤ C10, INCL. CYCLOALKYL) ALKYL (ME, ET, N-PR OR I-PR)-PHOSPHONOFUORIDATES E.G. - SARIN: O-ISOPROPYL METHYLPHOSPHONOFUORIDATE, - SOMAN: O-PINACOLYL METHYLPHOSPHONOFUORIDATE	O-ISOPROPYL METHYLPHOSPHONOFUORIDATE (SARIN)	O-PINACOLYL METHYLPHOSPHONOFUORIDATE (SOMAN)	O-ETHYL METHYLPHOSPHONO FLUORIDATE	O-CYCLOHEXYL METHYLPHOSPHONO FLUORIDATE (CYCLOSARIN)	O-n-BUTYL METHYLPHOSPHONO FLUORIDATE	O-CYCLOHEXYL ETHYLPHOSPHONOFUORIDATE	O-ISOPROPYL-D7 METHYLPHOSPHONOFUORIDATE	O-PINACOLYL-D13 METHYLPHOSPHONOFUORIDATE	O-ISOPROPYL ETHYLPHOSPHONOFUORIDATE	O-ISOBUTYL METHYLPHOSPHONOFUORIDATE	2	29309090	O-Alkyl (H or ≤C10, 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 e.g. VX	O-ALKYL (H OR ≤ C10, INCL. CYCLOALKYL) S-2-DIALKYL (ME, ET, N-PR OR I-PR)-AMINOETHYL ALKYL (ME, ET, N-PR OR I-PR) PHOSPHONOTHIOATES AND CORRESPONDING ALKYLATED OR PROTONATED SALTS E.G. - VX: O-ETHYL S-2-DIISOPROPYLAMINOETHYL METHYL PHOSPHONOTHIOATE	O-ETHYL S-2- DIISOPROPYLAMINOETHYL METHYLPHOSPHONOTHIOATE (VX)	O-(2-METHYLPROPYL) S-2-DIETHYLAMINOETHYL METHYLPHOSPHONOTHIOATE (RUSSIAN VX)
S/N	HS codes	Chemical Name	Chemicals (non-exhaustive)																								
1	29315990	O-Alkyl(≤C10, including cycloalkyl) alkyl (Me, Et, n-Pr or i-Pr)-phosphonofluoridates e.g. : Sarin Soman	O-ALKYL (≤ C10, INCL. CYCLOALKYL) ALKYL (ME, ET, N-PR OR I-PR)-PHOSPHONOFUORIDATES E.G. - SARIN: O-ISOPROPYL METHYLPHOSPHONOFUORIDATE, - SOMAN: O-PINACOLYL METHYLPHOSPHONOFUORIDATE																								
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2	29309090	O-Alkyl (H or ≤C10, 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 e.g. VX	O-ALKYL (H OR ≤ C10, INCL. CYCLOALKYL) S-2-DIALKYL (ME, ET, N-PR OR I-PR)-AMINOETHYL ALKYL (ME, ET, N-PR OR I-PR) PHOSPHONOTHIOATES AND CORRESPONDING ALKYLATED OR PROTONATED SALTS E.G. - VX: O-ETHYL S-2-DIISOPROPYLAMINOETHYL METHYL PHOSPHONOTHIOATE																								
			O-ETHYL S-2- DIISOPROPYLAMINOETHYL METHYLPHOSPHONOTHIOATE (VX)																								
			O-(2-METHYLPROPYL) S-2-DIETHYLAMINOETHYL METHYLPHOSPHONOTHIOATE (RUSSIAN VX)																								

			O-PROPYL S-2- DIISOPROPYLAMINOETHYL METHYL PHOSPHONOTHIOATE
			O-n-BUTYL S-2- DIETHYLAMINOETHYL METHYLPHOSPHONO THIOLATE (CHINESE VX)
			O-ETHYL S-2- DIETHYLAMINOETHYL ETHYLPHOSPHONO THIOLATE (VE)
			O-ETHYL-D5 S-2- DIISOPROPYLAMINOETHYL METHYLPHOSPHONO THIOLATE
			O-ETHYL S-2- DIETHYLAMINOETHYL METHYLPHOSPHONOTHIOATE (VM)
			S-2-DIISOPROPYLAMINOETHYL METHYLPHOSPHONOTHIOATE
3	29319041; 29319049	Lewisites: Lewisite 1: 2-Chlorovinylchloroarsine Lewisite 2: Bis(2-chlorovinyl)chloroarsine Lewisite 3: Tris(2-chlorovinyl)arsine	LEWISITE 1: 2-CHLOROVINYLDICHLOROARSINE LEWISITE 2: BIS(2-CHLOROVINYL)CHLOROARSINE LEWISITE 3: TRIS(2-CHLOROVINYL)ARSINE
4	29211900	Nitrogen mustards: HN1: Bis(2-chloroethyl)ethylamine HN2: Bis(2-chloroethyl)methylamine HN3: Tris(2-chloroethyl)amine	HN1: BIS(2-CHLOROETHYL)ETHYLAMINE HN2: BIS(2-CHLOROETHYL)METHYLAMINE HN3: TRIS(2-CHLOROETHYL)AMINE
5	30029000	Saxitoxin	SAXITOXIN
6	30029000	Ricin	RICIN
7	29315990	P-alkyl (H or ≤C10, incl. cycloalkyl) N-(1-(dialkyl(≤C10, incl. cycloalkyl)amino))alkylidene(H or ≤C10, incl. cycloalkyl) phosphonamidic fluorides and corresponding alkylated or protonated salts e.g. N-(1-(di-n-decylamino)-n-decylidene)-P-decylphosphonamidic fluoride e.g. Methyl-(1-(diethylamino)ethylidene)phosphonamidofluoridate	P-ALKYL (H OR ≤C10, INCL. CYCLOALKYL) N-(1-(DIALKYL(≤C10, INCL. CYCLOALKYL)AMINO))ALKYLIDENE(H OR ≤C10, INCL. CYCLOALKYL) PHOSPHONAMIDIC FLUORIDES AND CORRESPONDING ALKYLATED OR PROTONATED SALTS E.G. N-(1-(DI-N-DECYLAMINO)-N-DECYLIDENE)-P-DECYLPHOSPHONAMIDIC FLUORIDE E.G. METHYL-(1-(DIETHYLAMINO)ETHYLIDENE) PHOSPHONAMIDOFUORIDATE N-(1-(DI-N-DECYLAMINO)-N-DECYLIDENE)-P-DECYLPHOSPHONAMIDIC FLUORIDE METHYL-(1-(DIETHYLAMINO)ETHYLIDENE)
8	29299090	O-alkyl (H or ≤C10, incl. cycloalkyl) N-(1-(dialkyl(≤C10, incl. cycloalkyl)amino))alkylidene(H or ≤C10, incl. cycloalkyl) phosphoramidofluoridates and corresponding alkylated or protonated salts  e.g: O-n-Decyl N-(1-(di-n-decylamino)-n-decylidene)phosphoramidofluoridate e.g: Methyl (1-(diethylamino)ethylidene) phosphoramidofluoridate e.g: Ethyl (1-(diethylamino)ethylidene) phosphoramidofluoridate	O-ALKYL (H OR ≤C10, INCL. CYCLOALKYL) N-(1-(DIALKYL(≤C10, INCL. CYCLOALKYL)AMINO))ALKYLIDENE(H OR ≤C10, INCL. CYCLOALKYL) PHOSPHORAMIDOFUORIDATES AND CORRESPONDING ALKYLATED OR PROTONATED SALTS E.G. O-N-DECYL N-(1-(DI-N-DECYLAMINO)-N-DECYLIDENE)PHOSPHORAMIDOFUORIDATE E.G. METHYL (1-(DIETHYLAMINO)ETHYLIDENE) PHOSPHORAMIDOFUORIDATE E.G. ETHYL (1-(DIETHYLAMINO)ETHYLIDENE) PHOSPHORAMIDOFUORIDATE O-n-DECYL N-(1-(DI-N-DECYLAMINO)-nDECYLIDENE) PHOSPHORAMIDOFUORIDATE METHYL (1-(DIETHYLAMINO)ETHYLIDENE) PHOSPHORAMIDOFUORIDATE ETHYL (1-(DIETHYLAMINO)ETHYLIDENE) PHOSPHORAMIDOFUORIDATE O-BUTYL N-(1-(DIBUTYLAMINO)BUTYLIDENE) PHOSPHORAMIDOFUORIDATE
9	29315990	Methyl-(bis(diethylamino)methylene) phosphoramidofluoridate	METHYL-(BIS(DIETHYLAMINO)METHYLENE) PHOSPHONAMIDOFUORIDATE
10	29333990	Carbamates (quaternaries and bisquaternaries of dimethylcarbamoyloxy pyridines)  Quaternaries of dimethylcarbamoyloxy pyridines: 1-[N,N-dialkyl(≤C10)-N-(n-(hydroxyl, cyano, acetoxy)alkyl(≤C10)) ammonio]-n-[N-(3-dimethylcarbamoxy-α-picolinyl)-N,N-dialkyl(≤C10) ammonio]decane dibromide (n=1-8) e.g: 1-[N,N-dimethyl-N-(2-hydroxy)ethylammonio]-10 [N-(3-dimethylcarbamoxy-α-picolinyl)-N,N-dimethylammonio]decane dibromide  Bisquaternaries of dimethylcarbamoyloxy pyridines: 1,n-Bis[N-(3-dimethylcarbamoxy-α-picoly) N,N-dialkyl(≤C10) ammonio]-alkane-(2,(n-1) dione) dibromide (n=2-12)	CARBAMATES (QUATERNARIES OF DIMETHYLCARBAMOYLOXYPYRIDINES): 1-[N,N-DIALKYL(≤C10)-N-(N-(HYDROXYL, CYANO, ACETOXY)ALKYL(≤C10)) AMMONIO]-N-[N-(3-DIMETHYLCARBAMOXY-ALPHA-PICOLINYL)-N,N-DIALKYL(≤C10) AMMONIO]DECANE DIBROMIDE (N=1-8) E.G. 1-[N,N-DIMETHYL-N-(2-HYDROXY)ETHYLAMMONIO]-10-[N-(3-DIMETHYLCARBAMOXY-ALPHA-PICOLINYL)-N,N-DIMETHYLAMMONIO]DECANE DIBROMIDE CARBAMATES (BISQUATERNARIES OF DIMETHYLCARBAMOYLOXYPYRIDINES): 1,N-BIS[N-(3-DIMETHYLCARBAMOXY-ALPHA-PICOLYL)-N,N-DIALKYL(≤C10) AMMONIO]-ALKANE-(2,(N-1)-DIONE) DIBROMIDE (N=2-12) E.G. 1,10-BIS[N-(3-DIMETHYLCARBAMOXY-ALPHA-PICOLYL)-N-ETHYL-N-METHYLAMMONIO]DECANE-2,9-DIONE DIBROMIDE

		e.g. 1,10-Bis[N-(3-dimethylcarbamoxy- $\alpha$ -picolyl)-N-ethyl-N-methylammonio] decane-2,9-dione dibromide	1-[N,N-DIMETHYL-N-(2-HYDROXY)ETHYLAMMONIO]-10 [N-(3-DIMETHYLCARBAMOXY- $\alpha$ -PICOLINYL)-N,N-DIMETHYLAMMONIO]DECANE DIBROMIDE
			1,10-BIS[N-(3-DIMETHYLCARBAMOXY- $\alpha$ -PICOLYL)-N-ETHYL-N-METHYLAMMONIO] DECANE-2,9-DIONE DIBROMIDE
11	29315990	Alkyl (Me, Et, n-Pr or i-Pr) phosphonyl difluorides e.g. DF: Methylphosphonyldifluoride	ALKYL (ME, ET, N-PR OR I-PR) PHOSPHONYLDIFLUORIDES E.G. - DF: METHYLPHOSPHONYLDIFLUORIDE DF: METHYLPHOSPHONYLDIFLUORIDE
12	29314990	O-Alkyl (H or $\leq$ C10, 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 e.g. QL: O-Ethyl O-2-diisopropylaminoethyl methylphosphonite	O-ALKYL (H OR $\leq$ C10, 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 E.G. - QL: O-ETHYL O-2-DIISOPROPYLAMINOETHYL METHYLPHOSPHONITE QL: O-ETHYL O-2-DIISOPROPYLAMINOETHYL METHYLPHOSPHONITE
13	29315990	Chlorosarin: O-Isopropyl methylphosphonochloridate	CHLOROSARIN: O-ISOPROPYL METHYLPHOSPHONOCHLORIDATE
14	29315990	Chlorosoman: O-Pinacolyl methylphosphonochloridate	CHLOROSOMAN: O-PINACOLYL METHYLPHOSPHONOCHLORIDATE
15	29035900	PFIB: 1,1,3,3,3-Pentafluoro-2-(trifluoromethyl)-1-propene	PFIB: 1,1,3,3,3-PENTAFLUORO-2-(TRIFLUOROMETHYL)-1-PROPENE
16	29333990	BZ: 3-Quinuclidinyl benzilate	BZ: 3-QUINUCLIDINYL BENZILATE
17	29315990	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 e.g.: Methylphosphonyl dichloride Dimethyl methylphosphonate	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 CARBONS ATOMS, E.G. - METHYLPHOSPHONYL DICHLORIDE - DIMETHYL METHYLPHOSPHONATE EXEMPTION: - FONOFOS: O-ETHYL S-PHENYL ETHYLPHOSPHONOTHIOLOTHIONATE DICHLOROMETHYL PHOSPHINE DIETHYL METHYLPHOSPHONATE ETHYL METHYLPHOSPHONATE ETHYLPHOSPHONIC DICHLORIDE PINACOLYL METHYLPHOSPHONATE PROPYLPHOSPHONIC ACID DIETHYL METHYLPHOSPHONITE DIMETHYL METHYLPHOSPHONATE DIMETHYL PROPYLPHOSPHONATE DIETHYL ETHYLPHOSPHONATE METHYLPHOSPHONIC ACID SALT OF METHYLPHOSPHONIC ACID & AMINOIMINOMETHYL UREA (1:1) 2,4,6-TRIPROPYL-1,3,5,2,4,6-TRIOXATRIPHOSPHINANE 2,4,6-TRIOXIDE (5-ETHYL-2-METHYL-2-OXIDO-1,3,2-DIOXAPHOSPHINAN-5-YL)METHYL METHYL METHYLPHOSPHONATE 3,9-DIMETHYL-2,4,8,10-TETRAOXA-3,9-DIPHOSPHASPIRO (5.5) UNDECANE 3,9-DIOXIDE SODIUM 3-(TRIHYDROXYSILYL)PROPYL METHYLPHOSPHONATE METHYLPHOSPHONIC DICHLORIDE PROPYLPHOSPHONIC DICHLORIDE O-(3-CHLOROPROPYL) O-(4-NITRO-3-(TRIFLUOROMETHYL) PHENYL) METHYLPHOSPHONOTHIONATE
	29314100		DIMETHYL METHYLPHOSPHONATE
	29314200		DIMETHYL PROPYLPHOSPHONATE
	29314300		DIETHYL ETHYLPHOSPHONATE
	29314400		METHYLPHOSPHONIC ACID
	29314500		SALT OF METHYLPHOSPHONIC ACID & AMINOIMINOMETHYL UREA (1:1)
	29314600		2,4,6-TRIPROPYL-1,3,5,2,4,6-TRIOXATRIPHOSPHINANE 2,4,6-TRIOXIDE
	29314700		(5-ETHYL-2-METHYL-2-OXIDO-1,3,2-DIOXAPHOSPHINAN-5-YL)METHYL METHYL METHYLPHOSPHONATE
	29314800		3,9-DIMETHYL-2,4,8,10-TETRAOXA-3,9-DIPHOSPHASPIRO (5.5) UNDECANE 3,9-DIOXIDE
	29314990		SODIUM 3-(TRIHYDROXYSILYL)PROPYL METHYLPHOSPHONATE
	29315100		METHYLPHOSPHONIC DICHLORIDE
	29315200		PROPYLPHOSPHONIC DICHLORIDE
	29315300		O-(3-CHLOROPROPYL) O-(4-NITRO-3-(TRIFLUOROMETHYL) PHENYL) METHYLPHOSPHONOTHIONATE
18	29299090	Dialkyl (Me, Et, n-Pr or i-Pr) N,N-dialkyl (Me, Et, n-Pr or i-Pr)-phosphoramidates	DIALKYL (ME, ET, N-PR OR I-PR) N,N-DIALKYL (ME, ET, N-PR OR I-PR)-PHOSPHORAMIDATES
19	29181700	2,2-Diphenyl-2-hydroxyacetic acid: Benzilic acid	2,2-DIPHENYL-2-HYDROXYACETIC ACID: BENZILIC ACID
20	29333500	Quinuclidin-3-ol	QUINUCLIDIN-3-OL
21	29211900	N,N-Dialkyl (Me,Et,n-Pr or i-Pr) aminoethyl- 2-chlorides and corresponding protonated salts	N,N-DIALKYL (ME, ET, N-PR OR I-PR) AMINOETHYL-2-CHLORIDE AND CORRESPONDING PROTONATED SALTS

	29211400		2-DIISOPROPYLAMINOETHYL CHLORIDE HYDROCHLORIDE
	29211300		2-(N,N-DIETHYLAMINO)ETHYLCHLORIDE HYDROCHLORIDE
	29211200		2-(N,N-DIMETHYLAMINO)ETHYLCHLORIDE HYDROCHLORIDE
22	29309090	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) AMINOETHANE-2-THIOLS AND CORRESPONDING PROTONATED SALTS
			2-(DIMETHYLAMINO)ETHANETHIOL HYDROCHLORIDE
			2-DIETHYLAMINOETHANETHIOL HYDROCHLORIDE
	29301000		2-(N,N-DIMETHYLAMINO) ETHANETHIOL
	29306000		2-(N,N-DIETHYLAMINO)ETHANETHIOL
23	29307000	Thiodiglycol: Bis(2-hydroxyethyl)sulfide	THIODIGLYCOL: BIS(2-HYDROXYETHYL)SULFIDE
24	29202200	Diethyl phosphite	DIETHYL PHOSPHITE
25	28121700	Thionyl chloride	THIONYL CHLORIDE
26	29221500	Triethanolamine	TRIETHANOLAMINE

**5. Title, number of pages and language(s) of the notified document:** Draft Environmental Protection and Management Act 1999 (Amendment of Second Schedule) (No. 2) Order 2022 (10 pages, in English) and Draft Environmental Protection and Management (Hazardous Substances) (Amendment No. 2) Regulations 2022; (6 page(s), in English)

**6. Description of content:** Singapore's National Environment Agency (NEA) is proposing to regulate 26 new chemicals and chemical groups (see Section 4 above) as hazardous substances under the Environmental Protection and Management Act (EPMA) and the Environmental Protection and Management (Hazardous Substances) Regulations (EPM (HS) Regs).

These 26 chemicals and chemical groups have been identified as toxic chemicals and precursors under the Chemical Weapons Convention (CWC), and are currently regulated by Singapore Customs, as the National Authority for the Chemical Weapons Convention (NA(CWC)), through the Chemical Weapons (Prohibition) Act (CWPA) and the Chemical Weapons (Prohibition) Regulations. Under the CWPA, depending on the CWC Schedule that the chemicals belong to, companies are required to apply for a NA(CWC) licence from Singapore Customs if they are engaged in activities including the import, export, production, processing, consumption and local sale and distribution of these chemicals.

From July 2023, NEA will also be regulating these 26 chemicals and chemical groups under the EPMA and EPM (HS) Regs. Once the regulations take effect, companies will be required to apply for a Hazardous Substances (HS) licence/permit from NEA for the import, export, manufacture, sale, transport, storage and/or use of these chemicals and of products containing these chemicals. Accordingly, companies engaged in activities involving any of these chemicals would have to comply with the requirements on the import, export, manufacture, offer for sale, transport, storage and/or use of hazardous substances, that are stipulated in the EPMA and EPM (HS) Regs. These include, *inter alia*, labelling and other requirements for the containers/tanks and vehicles that are used to store or transport the chemicals, as well as other specific safety and documentary requirements.

**7. Objective and rationale, including the nature of urgent problems where applicable:** While Singapore Customs currently regulates the 26 chemicals and chemical groups under the CWPA, the focus of the CWPA is on counter-proliferation measures in the fulfilment of Singapore's international obligations to the CWC and is limited in addressing the domestic security and safety risks posed by these chemicals.

The regulation of these chemicals under the EPMA and the EPM (HS) Regs will therefore fill this gap, through the stipulation of requirements on the import, export, manufacture, sale, transport, storage and/or use of hazardous substances. This will minimise the domestic security and safety risks posed by these chemicals and serve the objectives of safeguarding public health and safety and protecting the environment. ; Protection of human health or safety; Protection of the environment

**8. Relevant documents:**

Environmental Protection and Management Act (EPMA), 149 pages, in English (Available online at <https://sso.agc.gov.sg/Act/EPMA1999>)

Environmental Protection and Management (Hazardous Substances) Regulations, 24 pages, in English (available online at <https://sso.agc.gov.sg/SL/94A-RG4>)

**9. Proposed date of adoption:** January 2023 – Notice will be published in the Republic of Singapore's Government Gazette when adopted.

**Proposed date of entry into force:** July 2023

**10. Final date for comments:** 60 days from notification**11. Texts available from: National enquiry point [ ] or address, telephone and fax numbers and email and website addresses, if available, of other body:**

Mr Lester Foo  
Engineer  
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