

CWC SCHEDULE 1 CHEMICALS

Schedule 1 Chemicals	CAS Number	Import Tariff Code
1.1 O-Alkyl ($\leq C_{10}$, including cycloalkyl) alkyl (Me, Et, <i>n</i> -Pr or <i>i</i> -Pr) phosphonofluoridates. eg:		2931.39.90.33
- Sarin: <i>O</i> -Isopropyl methylphosphonofluoridate	107-44-8	2931.39.90.31
- Soman: <i>O</i> -Pinacolyl methylphosphonofluoridate	96-64-0	2931.39.90.32
1.2 <i>O</i> -Alkyl ($\leq C_{10}$, including cycloalkyl) <i>N,N</i> -dialkyl (Me, Et, <i>n</i> -Pr or <i>i</i> -Pr)-phosphoramidocyanidates. eg:		2931.39.90.42
- Tabun: <i>O</i> -Ethyl <i>N,N</i> -dimethyl phosphoramidocyanidate	77-81-6	2931.39.90.41
1.3 <i>O</i> -Alkyl (H or $\leq C_{10}$, including cycloalkyl) S-2-dialkyl (Me, Et, <i>n</i> -Pr or <i>i</i> -Pr)-aminoethyl alkyl (Me, Et, <i>n</i> -Pr or <i>i</i> -Pr) phosphonothiolates and corresponding alkylated and protonated salts. eg:		2930.90.00.37
- VX: <i>O</i> -Ethyl S-[2 (diisopropylamino)ethyl]methylphosphonothiolate	50782-69-9	2930.90.00.36
1.4 Sulfur mustards:		
• 2-Chloroethylchloromethylsulfide	2625-76-5	2930.90.00.49
• Bis(2-chloroethyl)sulfide <i>mustard gas (H)</i>	505-60-2	2930.90.00.45
• Bis(2-chloroethylthio)methane	63869-13-6	2930.90.00.51
• 1,2-Bis(2-chloroethylthio)ethane <i>sesquimustard</i>	3563-36-8	2930.90.00.52
• 1,3-Bis(2-chloroethylthio)- <i>n</i> -propane	63905-10-2	2930.90.00.53
• 1,4-Bis(2-chloroethylthio)- <i>n</i> -butane	142868-93-7	2930.90.00.54
• 1,5-Bis(2-chloroethylthio)- <i>n</i> -pentane	142868-94-8	2930.90.00.55
• Bis(2-chloroethylthiomethyl)ether	63918-90-1	2930.90.00.56
• Bis(2-chloroethylthioethyl)ether <i>O-mustard (T)</i>	63918-89-8	2930.90.00.57
1.5 Lewisites:		
• Lewisite 1: 2-Chlorovinylchloroarsine	541-25-3	2931.90.90.23
• Lewisite 2: Bis(2-chlorovinyl)chloroarsine	40334-69-8	2931.90.90.24
• Lewisite 3: Tris(2-chlorovinyl)arsine	40334-70-1	2931.90.90.25
1.6 Nitrogen mustards:		
• HN1: Bis(2-chloroethyl)ethylamine	538-07-8	2921.19.00.33
• HN2: Bis(2-chloroethyl)methylamine <i>mustine</i>	51-75-2	2921.19.00.34
• HN3: Tris(2-chloroethyl)amine <i>trimustine</i>	555-77-1	2921.19.00.35
1.7 Saxitoxin and salts thereof	35523-89-8	3002.90.00.10
1.8 Ricin and derivatives thereof	9009-86-3	3002.90.00.11
1.9 Alkyl (Me, Et, <i>n</i> -Pr or <i>i</i> -Pr) phosphonyl difluorides. eg:		2931.39.90.53
- methylphosphonyl difluoride (DF)	676-99-3	2931.39.90.51
- Ethylphosphonyl difluoride	753-98-0	2931.39.90.52
1.10 <i>O</i> -Alkyl (H or $\leq C_{10}$, incl. cycloalkyl) <i>O</i> -2-dialkyl (Me, Et, <i>n</i> -Pr or <i>i</i> -Pr)-aminoethyl alkyl (Me, Et, <i>n</i> -Pr or <i>i</i> -Pr) phosphonites and corresponding alkylated and protonated salts. eg:		2931.39.90.62
- QL: <i>O</i> -ethyl <i>O</i> -[2-(diisopropylamino)ethyl]methylphosphonite	57856-11-8	2931.39.90.61

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Schedule 1 Chemicals (continued)	CAS Number	Import Tariff Code
1.11 Chlorosarin: <i>O</i> -Isopropyl methylphosphonochloridate	1445-76-7	2931.39.90.63
1.12 Chlorosoman: <i>O</i> -Pinacolyl methylphosphonochloridate	7040-57-5	2931.39.90.64
1.13 (*) 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, for example: N-(1-(di-n-decylamino)-n-decylidene)-P-decylphosphonamidic fluoride Methyl-(1-(diethylamino)ethylidene)phosphonamidofluoridate	2387495-99-8 2387496-12-8	2931.39.90.87 2931.39.90.87
1.14 (*) 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, for example: O-n-Decyl N-(1-(di-n-decylamino)-n-decylidene)phosphoramidofluoridate Methyl (1-(diethylamino)ethylidene)phosphoramidofluoridate Ethyl (1-(diethylamino)ethylidene)phosphoramidofluoridate	2387496-00-4 2387496-04-8 2387496-06-0	2929.90.00.48 2929.90.00.48 2929.90.00.48
1.15 (*) Methyl-(bis(diethylamino)methylene)phosphonamidofluoridate	2387496-14-0	2931.39.90.87
1.16 (*) 1-[N,N-dialkyl($\leq C_{10}$)-N-(n-(hydroxyl, cyano, acetoxy)alkyl($\leq C_{10}$)) ammonio]-n-[N-(3-dimethylcarbamoxy- α -picoliny)-N,N-dialkyl($\leq C_{10}$) ammonio]decane dibromide (n=1-8), for example: 1-[N,N-dimethyl-N-(2-hydroxy)ethylammonio]-10-[N-(3-dimethylcarbamoxy- α -picoliny)-N,N-dimethylammonio]decane dibromide 1,n-Bis[N-(3-dimethylcarbamoxy- α -picolyl)-N,N-dialkyl($\leq C_{10}$) ammonio]-alkane-(2,(n-1)-dione) dibromide (n=2-12) 1,10-Bis[N-(3-dimethylcarbamoxy- α -picolyl)-N-ethyl-N-methylammonio]decane-2,9-dione dibromide	77104-62-2 77104-00-8	2933.39.00.92 2933.39.00.92 2933.39.00.92

* The States Parties to the Chemical Weapons Convention adopted these additional Schedule 1 chemicals at the November 2017 Conference of States Parties. The chemicals/chemical families captured in 1.13-1.16 will be regulated in Australia from 7 June 2020.

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CWC SCHEDULE 2 CHEMICALS

Schedule 2 Chemicals		CAS Number	Import Tariff Code
A. Toxic Chemicals			
2.1	Amiton: <i>O,O</i> -Diethyl <i>S</i> -[2-(diethylamino)ethyl] phosphorothiolate and corresponding alkylated and protonated salts.	78-53-5	2930.90.00.58
2.2	PFIB: 1,1,3,3,3-pentafluoro-2-(trifluoromethyl)-1-propene	382-21-8	2903.39.00.33
2.3	BZ: 3-Quinuclidinyl benzilate*	6581-06-2	2933.39.00.61
B. Precursors			
2.4	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. Eg:		2931.39.90.87
	• Methylphosphonyl dichloride	676-97-1	2931.39.90.71
	• Ethylphosphinyl dichloride	1498-40-4	2931.39.90.72
	• Ethylphosphonyl dichloride	1066-50-8	2931.39.90.73
	• Diethyl methylphosphonite	15715-41-0	2931.39.90.74
	• Dimethyl ethylphosphonate	6163-75-3	2931.39.90.75
	• Dimethyl propylphosphonate	18755-43-6	2931.32.00.05
	• Diethyl methylphosphonate	683-08-9	2931.39.90.76
	• Ethylphosphinyl difluoride	430-78-4	2931.39.90.77
	• Methylphosphinyl difluoride	753-59-3	2931.39.90.78
	• Diethyl ethylphosphonate (phosphonic acid, ethyl-, diethyl ester)	78-38-6	2931.33.00.06
	• Methylphosphonic acid (phosphonic acid, methyl)	993-13-5	2931.39.90.79
	• Dimethyl methylphosphonate (phosphonic acid, methyl-,dimethyl ester)	756-79-6	2931.31.00.04
	• Phosphonic acid, methyl-, dimethyl ester, polymer with oxirane and phosphorus oxide (P ₂ O ₅)	70715-06-9	2931.00.90.85
	• Diphenyl methylphosphonate	7526-26-3	2931.39.90.80
	• Phosphonic acid, methyl-, mono[3-(trihydroxysilyl)propyl] ester, monosodium salt	84962-98-1	2931.34.00.10
	• Phosphonic acid, methyl-, methyl 3-(trimethoxysilyl)-propyl ester	67812-17-3	2931.39.90.81
	• Phosphonic acid, methyl-, monoammonium salt	34255-87-3	2931.39.90.82
	• Phosphonic acid, methyl-, monomethyl ester, monosodium salt	73750-69-3	2931.39.90.83
	• Phosphonothioic dichloride, ethyl-	993-43-1	2931.39.90.79
	• Methylphosphinyl dichloride (phosphonous dichloride, methyl-)	676-83-5	2931.39.90.51
	• Phosphonic acid, methyl-, bis(3-(trimethoxysilyl)propyl) ester	67812-18-4	2931.39.90.85
	• Phosphonic acid, methyl-, compd. with (aminoiminomethyl) urea (1:1)	84402-58-4	2931.38.00.17
	• Phosphonic acid, methyl-, (5-ethyl-2-methyl-1,3,2-dioxaphosphorinan-5-yl) methyl methyl ester, <i>P</i> -oxide	41203-81-0	2931.36.00.12
	• Phosphonic acid, methyl-, bis[(5-ethyl-2-methyl-1,3,2-dioxaphosphorinan-5-yl) methyl ester, <i>P,P'</i> -dioxide	42595-45-9	2931.37.00.14

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Schedule 2 Chemicals (continued)

	CAS Number	Import Tariff Code
• Methyl hydrogen methylphosphonate	1066-53-1	2931.39.90.87
• Phosphonic acid, ethyl, bis(1-methyl ethyl) ester	1067-69-2	2931.39.90.87
• 2-Ethylhexyl hydrogen methylphosphonate	13688-82-9	2931.39.90.87
• Diisopropyl methylphosphonate	1445-75-6	2931.39.90.87
• <i>O</i> -Ethyl ethylphosphonochloridothioate	1497-68-3	2931.39.90.87
• Isopropylphosphonic dichloride	1498-46-0	2931.39.90.87
• Phosphonothioic dichloride, (1-methylethyl)	1498-60-8	2931.39.90.87
• Diethyl isopropylphosphonate	1538-69-8	2931.39.90.87
• <i>O</i> -Ethyl hydrogen methylphosphonothioate	18005-40-8	2931.39.90.87
• Phosphonic acid-methyl, monoethyl ester	1832-53-7	2931.39.90.87
• Phosphonic acid-methyl, mono(1-methylethyl) ester	1832-54-8	2931.39.90.87
• Dimethyl propylphosphonate	18755-43-6	2931.39.90.87
• Diethyl propylphosphonate	18812-51-6	2931.39.90.87
• Phosphonic acid, propyl-,bis(1-methylethyl) ester	18812-55-0	2931.39.90.87
• Phosphonic acid, methyl-, monocyclohexyl ester	1932-60-1	2931.39.90.87
• Sodium <i>O</i> -ethyl methylphosphonothioate	22307-81-9	2931.39.90.87
• Phosphonic diamide, pentamethyl	2511-17-3	2931.39.90.87
• Isopropylphosphonous dichloride	25235-15-8	2931.39.90.87
• Phosphonothioic dichloride, propyl	2524-01-8	2931.39.90.87
• Phosphonic acid-(1-methylethyl),bis(1- methylethyl) ester	3759-39-5	2931.39.90.87
• Phosphonic acid, methyl	4206-94-4	2931.39.90.87
• Propylphosphinic acid	4672-38-2	2931.39.90.87
• Propylphosphonic dichloride	4708-04-7	2931.39.90.87
• Phosphonic acid, methyl mono(1,2,2-trimethylpropyl) ester	616-52-4	2931.39.90.87
• Butyl methylphosphinate	6172-80-1	2931.39.90.87
• Methylphosphonothioic dichloride	676-98-2	2931.39.90.87
• Ethylphosphonic acid	6779-09-5	2931.39.90.87
• 2,4,6-Tripropyl-1,3,5,2,4,6-trioxatriphosphinane 2,4,6-trioxide	68957-94-8	2931.39.90.87
• Phosphonothioic acid, methyl-, <i>O,O</i> -diethyl ester	6996-81-2	2931.39.90.87
• 1-Propanaminium, N,N,N-trimethyl-3-[(1-oxo-9-octadecenyl)amino]-,(Z)-,methyl methyl phosphonate	70055-71-9	2931.39.90.87
• Bis(1,2,2-trimethylpropyl) methylphosphonate	7040-58-6	2931.39.90.87
• Dipropyldiphosphonic acid	71760-04-8	2931.39.90.87
• Mixture of CAS 41203-81-0 and CAS 42595-45-9	170836-68-7	3809.91.00.46
Exemption: Fonofos: <i>O</i> -Ethyl <i>S</i> -phenylethylphosphono-thiolothionate	944-22-9	2930.90.00.61
2.5 <i>N,N</i> -Dialkyl (Me, Et, <i>n</i> -Pr or <i>i</i> -Pr) phosphoramidic dihalides. eg:		2929.90.00.41
- <i>N,N</i> -Dimethylphosphoramidic dichloride	677-43-0	2929.90.00.40
2.6 Dialkyl (Me, Et, <i>n</i> -Pr or <i>i</i> -Pr) <i>N,N</i> -dialkyl (Me, Et, <i>n</i> -Pr or <i>i</i> -Pr)-phosphoramidates. eg:		2929.90.00.52
- Diethyl <i>N,N</i> -Dimethylphosphoramidate	2404-03-7	2929.90.00.51

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Schedule 2 Chemicals (continued)		CAS Number	Import Tariff Code
2.7	Arsenic trichloride (arsenous trichloride)	7784-34-1	2812.19.00.53
2.8	2,2-Diphenyl-2-hydroxyacetic acid (benzilic acid)	76-93-7	2918.17.00.32
2.9	Quinuclidine-3-ol	1619-34-7	2933.39.00.62
2.10	<i>N,N</i> -Dialkyl (Me, Et, <i>n</i> -Pr or <i>i</i> -Pr) aminoethyl-2-chlorides and corresponding protonated salts. eg:		2921.19.00.44
	• <i>N,N</i> -Diethylaminoethyl-2-chloride, hydrochloride (Ethanamine, 2-chloro- <i>N,N</i> -diethyl hydrochloride)	869-24-9	2921.19.00.38
	• <i>N,N</i> -Diethylaminoethyl-2-chloride	100-35-6	2921.19.00.39
	• <i>N,N</i> -Diisopropylaminoethyl-2-chloride hydrochloride	4261-68-1	2921.19.00.40
	• <i>N,N</i> -Diisopropyl-2-aminoethyl chloride	96-79-7	2921.19.00.42
	• 2-Chloro- <i>N,N</i> -dimethylethanamine	107-99-3	2921.19.00.44
	• 2-Chloro- <i>N,N</i> -dimethylethanaminium chloride	4584-46-7	2921.12.00.13
2.11	<i>N,N</i> -Dialkyl (Me, Et, <i>n</i> -Pr or <i>i</i> -Pr) aminoethane-2-ols and corresponding protonated salts. eg:		2922.19.90.65
	2-Diisopropylaminoethanol	96-80-0	2922.19.90.63
	Exemptions:		
	• <i>N,N</i> -Dimethylaminoethanol and corresponding protonated salts	108-01-0	2922.19.90.61
	• <i>N,N</i> -Diethylaminoethanol and corresponding protonated salts	100-37-8	2922.19.90.62
2.12	<i>N,N</i> -Dialkyl (Me, Et, <i>n</i> -Pr or <i>i</i> -Pr) aminoethane-2-thiols and corresponding protonated salts. eg:		2930.90.00.47
	- <i>N,N</i> -Dimethylaminoethane-2-thiol hydrochloride	13242-44-9	2930.90.00.40
	- <i>N,N</i> -Diisopropylaminoethane-2-thiol hydrochloride	41480-75-5	2930.90.00.41
	- 2-(Diethylamino)ethanthiol	100-38-9	2930.60.00.11
	- <i>NN</i> -Diethyl-2-sulfanylethanaminium chloride	1942-52-5	2930.90.00.47
	- 2-(Diisopropylamino)ethanthiol	5842-07-9	2930.90.00.44
2.13	Thiodiglycol	111-48-8	2930.70.00.12
2.14	Pinacolyl alcohol: 3,3-dimethylbutan-2-ol (2-butanol, 3,3-dimethyl-)	464-07-3	2905.19.90.52

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CWC SCHEDULE 3 CHEMICALS

Schedule 3 Chemicals	CAS Number	Import Tariff Code
A. Toxic chemicals:		
3.1 Phosgene (carbonyl dichloride)	75-44-5	2812.11.00.44
3.2 Cyanogen chloride	506-77-4	2853.10.00.32
3.3 Hydrogen cyanide (hydrocyanic acid)	74-90-8	2811.12.00.03
3.4 Chloropicrin (trichloronitromethane)	76-06-2	2904.91.00.73
Component of Agrocelhone		3808.99.00.91
B. Precursors		
3.5 Phosphorus oxychloride (phosphoryl chloride)	10025-87-3	2812.12.00.45
3.6 Phosphorus trichloride	7719-12-2	2812.13.00.46
3.7 Phosphorus pentachloride (phosphorane, pentachloro)	10026-13-8	2812.14.00.47
3.8 Trimethyl phosphite (phosphorous acid, trimethyl ester)	121-45-9	2920.23.00.07
3.9 Triethyl phosphite (phosphorous acid, triethyl ester)	122-52-1	2920.24.00.08
3.10 Dimethyl phosphite (phosphonic acid, dimethyl ester)	868-85-9	2920.21.00.02
3.11 Diethyl phosphite (phosphonic acid, diethyl ester)	762-04-9	2920.22.00.03
3.12 Sulfur monochloride (sulfur chloride – S ₂ Cl ₂)	10025-67-9	2812.15.00.48
3.13 Sulfur dichloride (sulfur chloride – SCl ₂)	10545-99-0	2812.16.00.49
3.14 Thionyl chloride	7719-09-7	2812.17.00.51
3.15 Ethyldiethanolamine	139-87-7	2922.17.00.36
3.16 Methyldiethanolamine MDEA	105-59-9	2922.17.00.36
3.17 Triethanolamine	102-71-6	2922.15.00.26

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