Items under Import and Export Control [cont’d]

# **5) National Authority** **(Chemical Weapons Convention) [NA(CWC)]**

**Singapore Customs**

55 Newton Road #07-02

Singapore 307987

1. **Scheduled chemicals controlled by NA(CWC)**

| **No.** | **Description** | **CAS Registry No** | **H.S. code**  **(Item Qty Unit)** | **Product Code**  **(Prdt Qty Unit)** |
| --- | --- | --- | --- | --- |
| **Schedule 1A** | | | | |
| 1 | O-Alkyl (≤ C10, incl. cycloalkyl) alkyl (Me, Et, n-Pr or i-Pr)-phosphonofluoridates  E.g.  - Sarin: O-Isopropyl  methylphosphonofluoridate,  - Soman: O-Pinacolyl  methylphosphonofluoridate | 107-44-8  96-64-0 | 2931 3900 (KGM) | S1AN01  (MC) |
| 2 | O-Alkyl (≤ C10, incl. cycloalkyl) N,N-dialkyl (Me, Et, n-Pr or i-Pr) phosphoramidocyanidates  E.g.  - Tabun: O-Ethyl N,N-dimethyl  phosphoramidocyanidate | 77-81-6 | 2931 3900 (KGM) | S1AN02  (MC) |
| 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: O-Ethyl S-2-diisopropylaminoethyl  methyl phosphonothiolate | 50782-69-9 | 2930 9090  (KGM) | S1AN03  (MC) |
| 4 | Sulfur mustards:  - 2- Chloroethylchloromethylsulfide | 2625-76-5 | 2930 9090  (KGM) | S1AB01  (MC) |
|  | - Mustard gas:  Bis(2-chloroethyl)sulfide | 505-60-2 |  | S1AB02  (MC) |
|  | - Bis(2-chloroethylthio)methane | 63869-13-6 |  | S1AB03  (MC) |
|  | - Sesquimustard:  1,2-Bis(2-chloroethylthio)ethane | 3563-36-8 |  | S1AB04  (MC) |
|  | - 1,3-Bis(2-chloroethylthio)-n-propane | 63905-10-2 | 2930 9090  (KGM) | S1AB05  (MC) |
|  | - 1,4-Bis(2-chloroethylthio)-n-butane | 142868-93-7 |  | S1AB06  (MC) |
|  | - 1,5-Bis(2-chloroethylthio)-n-pentane | 142868-94-8 |  | S1AB07  (MC) |
|  | - Bis(2-chloroethylthiomethyl)ether | 63918-90-1 |  | S1AB08  (MC) |
|  | - O-Mustard:  Bis(2-chloroethylthioethyl)ether | 63918-89-8 |  | S1AB09  (MC) |
| 5 | Lewisites:    - Lewisite 1:  2-Chlorovinyldichloroarsine | 541-25-3 | 2931 9041 (for liquid form) (KGM)  2931 9049 (for other forms) (KGM) | S1AB10  (MC) |
|  | - Lewisite 2:  Bis(2-chlorovinyl)chloroarsine | 40334-69-8 |  | S1AB11  (MC) |
|  | - Lewisite 3:  Tris(2-chlorovinyl)arsine | 40334-70-1 |  | S1AB12  (MC) |
| 6 | Nitrogen mustards:  - HN1: Bis(2-chloroethyl)ethylamine | 538-07-8 | 2921 1900  (KGM) | S1AB13  (MC) |
|  | - HN2: Bis(2-chloroethyl)methylamine | 51-75-2 |  | S1AB14  (MC) |
|  | - HN3: Tris(2-chloroethyl)amine | 555-77-1 |  | S1AB15  (MC) |
| 7 | Saxitoxin | 35523-89-8 | 3002 9000  (VAL) | S1AT01  (MC) |
| 8 | Ricin | 9009-86-3 | 3002 9000  (VAL) | S1AT02  (MC) |
| **Schedule 1B** | | | | |
| 9 | Alkyl (Me, Et, n-Pr or i-Pr) phosphonyldifluorides  E.g.  - DF: Methylphosphonyldifluoride | 676-99-3 | 2931 3900 (KGM) | S1BN01  (MC) |
| 10 | O-Alkyl (H or ≤ 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 | 57856-11-8 | 2931 3900 (KGM) | S1BN02  (MC) |
| 11 | Chlorosarin:  O-Isopropyl methylphosphonochloridate | 1445-76-7 | 2931 3900 (KGM) | S1BN03  (MC) |
| 12 | Chlorosoman:  O-Pinacolyl methylphosphonochloridate | 7040-57-5 | 2931 3900 (KGM) | S1BN04  (MC) |
| **Schedule 2A** | | | | |
| 1 | Amiton:  O,O-Diethyl S-[2-(diethylamino)ethyl] phosphorothiolate  and corresponding alkylated or protonated salts | 78-53-5 | 2930 9090 (KGM) | S2AN01  (KGM) |
| 2 | PFIB:  1,1,3,3,3-Pentafluoro-2-(trifluoromethyl)-1-propene | 382-21-8 | 2903 3990  (KGM) | S2AT01  (KGM) |
| **Schedule 2A\*** | | | | |
| 3 | BZ: 3-Quinuclidinyl benzilate | 6581-06-2 | 2933 3990  (KGM) | S2AT02  (KGM) |
| **Schedule 2B** | | | | |
| 4 | Dimethyl methylphosphonate  Dimethyl propylphosphonate  Diethyl ethylphosphonate  Sodium 3-(trihydroxysilyl)propyl methylphosphonate  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  Bis[(5-ethyl-2-methyl-2-oxido-1,3,2-dioxaphosphinan-5-yl)methyl] methylphosphonate  Salt of methylphosphonic acid and (aminoiminomethyl)urea (1 : 1)  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 | 756-79-6  18755-43-6  78-38-6  84962-98-1  68957-94-8  41203-81-0  42595-45-9  84402-58-4  676-97-1  756-79-6  944-22-9 | 2931 3100  (KGM)  2931 3200  (KGM)  2931 3300  (KGM)  2931 3400  (KGM)  2931 3500  (KGM)  2931 3600  (KGM)  2931 3700  (KGM)  29313800  (KGM)  2931 3900 (KGM) | S2BN01  (KGM)  - |
| 5 | N,N-Dialkyl (Me, Et, n-Pr or i-Pr) phosphoramidic dihalides | - | 2929 9090  (KGM) | S2BN02  (KGM) |
| 6 | Dialkyl (Me, Et, n-Pr or i-Pr)  N,N-dialkyl (Me, Et, n-Pr or i-Pr)-phosphoramidates | - | 2929 9090  (KGM) | S2BN03  (KGM) |
| 7 | Arsenic trichloride | 7784-34-1 | 2812 1900 (KGM) | S2BB01  (KGM) |
| 8 | 2,2-Diphenyl-2-hydroxyacetic acid | 76-93-7 | 2918 1700 (KGM) | S2BT01  (KGM) |
| 9 | Quinuclidin-3-ol | 1619-34-7 | 2933 3990  (KGM) | S2BT02  (KGM) |
| 10 | 2-(N,N-Dimethylamino)ethylchloride hydrochloride  2-(N,N-Diethylamino)ethylchloride hydrochloride  2-(N,N-Diisopropylamino)ethylchloride hydrochloride  N,N-Dialkyl (Me, Et, n-Pr or i-Pr) aminoethyl-2-chlorides  and corresponding protonated salts | 4584-46-7  869-24-9  4261-68-1  - | 29211200  (KGM)  29211300  (KGM)  29211400  (KGM)  2921 1900  (KGM) | S2BB02  (KGM) |
| 11 | 2-(N,N-Diisopropylamino)ethanol  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 | 96-80-0  -  108-01-0  100-37-8 | 29221800  (KGM)  2922 1990  (KGM) | S2BB03  (KGM)  -  - |
| 12 | 2-(N,N-Diethylamino)ethanethiol  N,N-Dialkyl (Me, Et, n-Pr or i-Pr) aminoethane-2-thiols  and corresponding protonated salts | 100-38-9  - | 29306000  (KGM)  2930 9090  (KGM) | S2BN04  (KGM) |
| 13 | Thiodiglycol:  Bis(2-hydroxyethyl)sulfide | 111-48-8 | 2930 7000  (KGM) | S2BB05  (KGM) |
| 14 | Pinacolyl alcohol:  3,3-Dimethylbutan-2-ol | 464-07-3 | 2905 1900  (KGM) | S2BN05  (KGM) |
| **Schedule 3A** | | | | |
| 1 | Phosgene: Carbonyl dichloride | 75-44-5 | 2812 1100 (KGM) | S3AC01  (TNE) |
| 2 | Cyanogen chloride | 506-77-4 | 2853 1000 (KGM) | S3AT01  (TNE) |
| 3 | Hydrogen cyanide | 74-90-8 | 2811 1200 (KGM) | S3AT02  (TNE) |
| 4 | Chloropicrin: Trichloronitromethane | 76-06-2 | 2904 9100 (KGM) | S3AC02  (TNE) |
| **Schedule 3B** | | | | |
| 5 | Phosphorus oxychloride | 10025-87-3 | 2812 1200 (KGM) | S3BN01  (TNE) |
| 6 | Phosphorus trichloride | 7719-12-2 | 2812 1300 (KGM) | S3BN02  (TNE) |
| 7 | Phosphorus pentachloride | 10026-13-8 | 2812 1400 (KGM) | S3BN03  (TNE) |
| 8 | Trimethyl phosphite | 121-45-9 | 2920 2300 (KGM) | S3BN04  (TNE) |
| 9 | Triethyl phosphite | 122-52-1 | 2920 2400 (KGM) | S3BN05  (TNE) |
| 10 | Dimethyl phosphite | 868-85-9 | 2920 2100 (KGM) | S3BN06  (TNE) |
| 11 | Diethyl phosphite | 762-04-9 | 2920 2200 (KGM) | S3BN07  (TNE) |
| 12 | Sulfur monochloride | 10025-67-9 | 2812 1500 (KGM) | S3BB01  (TNE) |
| 13 | Sulfur dichloride | 10545-99-0 | 2812 1600 (KGM) | S3BB02  (TNE) |
| 14 | Thionyl chloride | 7719-09-7 | 2812 1700 (KGM) | S3BB03  (TNE) |
| 15 | Ethyldiethanolamine | 139-87-7 | 2922 1700 (KGM) | S3BB04  (TNE) |
| 16 | Methyldiethanolamine | 105-59-9 | 2922 1700 (KGM) | S3BB05  (TNE) |
| 17 | Triethanolamine | 102-71-6 | 2922 1500 (KGM) | S3BB06  (TNE) |

**Note:**

For the import/export of chemicals that are classified under any of the above HS codes AND are not subject to the control of NA(CWC), please contact other relevant Competent Authorities to verify if the item is subject to their control. The list of relevant Competent Authorities can be found at <<https://www.customs.gov.sg/about-us/national-single-window/tradenet/competent-authorities-requirements-for-controlled-items>>.

For the import/export of chemicals classified under any of the above HS codes (except for HS codes: 2903 3990, 2931 9041 & 2931 9049) that is not subject to control by any Competent Authority, you may declare the product code as “MISC”.