

Other Chemicals Requiring a Permit

Chemical name	CAS number	Export regime*
Diethylaminoethanol	100-37-8	AG 49
Dinitrogen pentoxide	10102-03-1	MTCR 4.C.4
Mixed oxides of nitrogen (NO)	10102-43-9	MTCR 4.C.4
Dinitrogen tetroxide	10544-72-6	MCTR 4.C.4
Dinitrogen trioxide	10544-73-7	MTCR 4.C.4
2-Chloroethanol	107-07-3	AG 15
Diisopropylamine	108-18-9	AG 48
Triisopropyl phosphite	116-17-6	AG 58
Hafnium dioxide	12055-23-1	NSG DU 2.C.8
Plutonium dioxide	12059-95-9	NSG TL 1.2
Cyclonite	121-82-4	MTCR 4.C.4 NSG DU 6.C.1
Dimethylamine	124-40-3	AG 16
U8Beryllium monoxide	1304-56-9	NSG DU 2.C.2
Sodium sulfide	1313-82-2	AG 50
Thorium dioxide	1314-20-1	NSG TL 1.2
Zirconium dioxide	1314-23-4	NSG DU 2.C.15
Phosphorus pentasulfide	1314-80-3	AG47
Sodium bifluoride	1333-83-1	AG 43
Ammonium bifluoride	1341-49-7	AG 42
Uranium dioxide	1344-57-6	NSG TL 1.2
Uranium trioxide	1344-58-7	NSG TL 1.2
Triuranium octoxide	1344-59-8	NSG TL 1.2
Ammonium dinitramide	140456-78-6	MTCR 4.C.4
Sodium cyanide	143-33-9	AG 45
Potassium cyanide	151-50-8	AG 40
Sodium hexafluorosilicate	16893-85-9	AG 62
Hexanitrostilbene	20062-22-0	NSG DU 6.C.1
O,O-Diethyl phosphorothioate	2465-65-8	AG 60
Polybutadiene acrylic acid acrylonitrile	25067-26-9	MTCR 4.C.5
Dibenz-(b,f)-1,4-oxazepine	257-07-8	W
Cyclotetramethylenetetranitramine	2691-41-0	MTCR 4.C.4 NSG DU 6.C.1
O-Chlorobenzylidenemalononitrile	2698-41-1	W
O,O-Diethyl phosphorodithioate	298-06-6	AG 61
Hydrazine	302-01-2	MTCR 4.C.2
Triaminotrinitrobenzene	3058-38-6	NSG DU 6.C.1
3-Hydroxy-1-methylpiperidine	3554-74-3	AG 10
3-Quinuclidone	3731-38-2	AG 37
Dimethylamine hydrochloride	506-59-2	AG 20
2-Chloro-1-phenylethanone (Chloroacetophenone)	532-27-4	W
Dimethyl hydrazine (unsymmetrical)	57-14-7	MTCR 4.C.2
Unsymmetrical dimethylhydrazine	57-14-7	MTCR 4.C.2
Bromobenzylcyanide	5798-79-8	W
Monomethylhydrazine	60-34-4	MTCR 4.C.2
Triethanolamine hydrochloride	637-39-8	AG 53
Carboxyl terminated polybutadiene	68441-48-5	MTCR 4.C.5
Hydroxyl terminated polybutadiene	69102-90-5	MTCR 4.C.5

Chemical name	CAS number	Export regime*
Aluminium powder (spherical)	7429-90-5	MTCR 4.C.2
Spherical aluminium powder (with a particle size of 60 mm or less manufactured from material with an Al content of 99% or more).	7429-90-5	MTCR 4.C.2
Magnesium powder (with a particle size of less than 60 mm whether spherical, atomised, spheroidal, flaked or ground, manufactured from material consisting of 99% or more magnesium).	7439-95-4	MTCR 4.C.2
Beryllium powder	7440-41-7	MTCR 4.C.2
Boron powder (85% or higher purity and a particle size of 60 mm or less).	7440-42-8	MTCR 4.C.2
Zirconium powder (with a particle size of less than 60 mm whether spherical, atomised, spheroidal, flaked or ground, manufactured from material consisting of 99% or more of zirconium)	7440-67-7	MTCR 4.C.2
Pinacolone	75-97-8	AG 39
Hydrogen fluoride	7664-39-3	AG 24
Sodium fluoride	7681-49-4	AG 44
Methyl benzilate	76-89-1	AG 25
Deuterium	7782-39-0	NSG TL 2.2.1
Uranium hexafluoride	7783-81-5	NSG TL 1.2
Deuterium oxide	7789-20-0	NSG TL 2.2.1
Potassium fluoride	7789-23-3	AG 14
Potassium bifluoride	7789-29-9	AG 41
Chlorine trifluoride NSG DU 2.C.6	7790-91-2	MTCR 4.C.4
Ammonium perchlorate NSG DU 2.C.6	7790-98-9	MTCR 4.C.4
Oxalyl chloride	79-37-8	AG 59
Inhibited red fuming nitric acid (Note: non-inhibited fuming nitric acid is not controlled)	8007-58-7	MTCR 4.C.4
2,4,5-Trichlorophenoxyacetic acid (2,4,5-T)	93-76-5	W
2,4-Dichlorophenoxyacetic acid (free acid) (2,4-D)	94-75-7	W
Butyl 2-chloro-4-fluorophenoxyacetate (LNF)		W

***Key for Export Control Regimes**

AG	Australia Group [Link to AG]
MTCR	Missile Technology Control Regime [Link to MTCR]
NSG	Nuclear Suppliers Group [Link to NSG]
W	Wassenaar Arrangement [Link to Wassenaar]