

SECTION VI

Products of the chemical or allied industries

NOTES—

1. (A) Goods (other than radioactive ores) answering to a description in heading 28.44 or 28.45 are to be classified in those headings and in no other heading of the Tariff.
(B) Subject to paragraph (A) above, goods answering to a description in heading 28.43, 28.46 or 28.52 are to be classified in those headings and in no other heading of this Section.
2. Subject to Note 1 above, goods classifiable in heading 30.04, 30.05, 30.06, 32.12, 33.03, 33.04, 33.05, 33.06, 33.07, 35.06, 37.07 or 38.08 by reason of being put up in measured doses or for retail sale are to be classified in those headings and in no other heading of the Tariff.
3. Goods put up in sets consisting of two or more separate constituents, some or all of which fall in this Section and are intended to be mixed together to obtain a product of Section VI or VII, are to be classified in the heading appropriate to that product, provided that the constituents are:
 - (a) having regard to the manner in which they are put up, clearly identifiable as being intended to be used together without first being repacked;
 - (b) presented together; and
 - (c) identifiable, whether by their nature or by the relative proportions in which they are present, as being complementary one to another.

Chapter 28

Inorganic chemicals; organic or inorganic compounds of precious metals, of rare-earth metals, of radioactive elements or of isotopes

NOTES—

1. Except where the context otherwise requires, the headings of this Chapter apply only to:
 - (a) Separate chemical elements and separate chemically defined compounds, whether or not containing impurities;
 - (b) The products mentioned in (a) above dissolved in water;
 - (c) The products mentioned in (a) above dissolved in other solvents provided that the solution constitutes a normal and necessary method of putting up these products adopted solely for reasons of safety or for transport and that the solvent does not render the product particularly suitable for specific use rather than for general use;
 - (d) Inorganic products of a kind used as luminophores, of heading 32.06; glass frit and other glass in the form of powder, granules or flakes, of heading 32.07;
 - (e) The products mentioned in (a), (b), (c) or (d) above with an added anti-dusting agent or a colouring substance added to facilitate their identification or for safety reasons, provided that the additions do not render the product particularly suitable for specific use rather than for general use.
2. In addition to dithionites and sulphoxylates, stabilised with organic substances (heading 28.31), carbonates and peroxocarbonates of inorganic bases (heading 28.36), cyanides, cyanide oxides and complex cyanides of inorganic bases (heading 28.37), fulminates, cyanates and thiocyanates, of inorganic bases (heading 28.42), organic products included in headings 28.43 to 28.46 and 28.52 and carbides (heading 28.49), only the following compounds of carbon are to be classified in this Chapter:
 - (a) Oxides of carbon, hydrogen cyanide and fulminic, isocyanic, thiocyanic and other simple or complex cyanogen acids (heading 28.11);
 - (b) Halide oxides of carbon (heading 28.12);
 - (c) Carbon disulphide (heading 28.13);
 - (d) Thiocarbonates, selenocarbonates, tellurocarbonates, selenocyanates, tellurocyanates, tetrathiocyanatodiamminochromates (reineckates) and other complex cyanates, of inorganic bases (heading 28.42);
 - (e) Hydrogen peroxide, solidified with urea (heading 28.47), carbon oxysulphide, thiocarbonyl halides, cyanogen, cyanogens halides and cyanamide and its metal derivatives (heading 28.53) other than calcium cyanamide, whether or not pure (Chapter 31).
3. Subject to the provisions of Note 1 to Section VI, this Chapter does not cover:
 - (a) Sodium chloride or magnesium oxide, whether or not pure, or other products of Section V;
 - (b) Organo-inorganic compounds other than those mentioned in Note 2 above;
 - (c) Products mentioned in Note 2, 3, 4 or 5 to Chapter 31;
 - (d) Inorganic products of a kind used as luminophores, of heading 32.06; glass frit and other glass in the form of powder, granules or flakes, of heading 32.07;
 - (e) Artificial graphite (heading 38.01); products put up as charges for fire-extinguishers or put up in fire-extinguishing grenades, of heading 38.13; ink removers put up in packings for retail sale, of heading 38.24; cultured crystals (other than optical elements) weighing not less than 2.5 g each, of the halides of the alkali or alkaline-earth metals, of heading 38.24;
 - (f) Precious or semi-precious stones (natural, synthetic or reconstructed) or dust or powder of such stones (headings 71.02 to 71.05), or precious metals or precious metal alloys of Chapter 71;
 - (g) The metals, whether or not pure, metal alloys or cermets, including sintered metal carbides (metal carbides sintered with a metal), of Section XV; or
 - (h) Optical elements, for example, of the halides of the alkali or alkaline-earth metals (heading 90.01).
4. Chemically defined complex acids consisting of a non-metal acid of sub-Chapter II and a metal acid of sub-Chapter IV are to be classified in heading 28.11.

Inorganic chemicals; organic or inorganic compounds of precious metals, of rare-earth metals, of radioactive elements or of isotopes—*continued*

5. Headings 28.26 to 28.42 apply only to metal or ammonium salts or peroxy salts.
Except where the context otherwise requires, double or complex salts are to be classified in heading 28.42.
6. Heading 28.44 applies only to:
 - (a) Technetium (atomic No. 43), promethium (atomic No. 61), polonium (atomic No. 84) and all elements with an atomic number greater than 84;
 - (b) Natural or artificial radioactive isotopes (including those of the precious metals or of the base metals of Sections XIV and XV), whether or not mixed together;
 - (c) Compounds, inorganic or organic, of these elements or isotopes, whether or not chemically defined, whether or not mixed together;
 - (d) Alloys, dispersions (including cermets), ceramic products and mixtures containing these elements or isotopes or inorganic or organic compounds thereof and having a specific radioactivity exceeding 74 Bq/g (0.002 μ Ci/g);
 - (e) Spent (irradiated) fuel elements (cartridges) of nuclear reactors;
 - (f) Radioactive residues whether or not usable.The term “isotopes”, for the purposes of this Note and of the wording of headings 28.44 and 28.45, refers to:
 - individual nuclides, excluding, however, those existing in nature in the monoisotopic state;
 - mixtures of isotopes of one and the same element, enriched in one or several of the said isotopes, that is, elements of which the natural isotopic composition has been artificially modified.
7. Heading 28.48 includes copper phosphide (phosphor copper) containing more than 15 % by weight of phosphorus.
8. Chemical elements (for example, silicon and selenium) doped for use in electronics are to be classified in this Chapter, provided that they are in forms unworked as drawn, or in the form of cylinders or rods. When cut in the form of discs, wafers or similar forms, they fall in heading 38.18.

* * *

Chapter 28—continued

Inorganic chemicals; organic or inorganic compounds of precious metals, of rare-earth metals, of radioactive elements or of isotopes—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
I.-CHEMICAL ELEMENTS					
28.01	Fluorine, chlorine, bromine and iodine:				
2801.10.00	00E	kg	– Chlorine	Free	Free
2801.20.00	00J	kg	– Iodine	Free	Free
2801.30.00	00B	kg	– Fluorine; bromine	Free	Free
28.02	Sulphur, sublimed or precipitated; colloidal sulphur				
2802.00.00	00K	kg		Free	Free
28.03	Carbon (carbon blacks and other forms of carbon not elsewhere specified or included)				
2803.00.00	00H	kg		Free	Free
28.04	Hydrogen, rare gases and other non-metals:				
2804.10.00	00K	kg	– Hydrogen – Rare gases:	Free	Free
2804.21.00	00H	kg	– – Argon	Free	Free
2804.29.00	00D	kg	– – Other	Free	Free
2804.30.00	00G	kg	– Nitrogen	Free	Free
2804.40.00	00L	kg	– Oxygen	Free	Free
2804.50.00	00D	kg	– Boron; tellurium – Silicon:	Free	Free
2804.61.00	00B	kg	– – Containing by weight not less than 99.99% of silicon	Free	Free
2804.69.00	00J	kg	– – Other	Free	Free
2804.70.00			– Phosphorus	Free	Free
	01K	kg	. . . Red		
	03F	. .	. . . Other		
2804.80.00	00E	kg	– Arsenic	Free	Free
2804.90.00	00J	kg	– Selenium	Free	Free
28.05	Alkali or alkaline-earth metals; rare-earth metals, scandium and yttrium, whether or not intermixed or interalloyed; mercury:				
			– Alkali or alkaline-earth metals:		
2805.11.00	00B	. .	– – Sodium	Free	Free
2805.12.00	00G	. .	– – Calcium	Free	Free
2805.19.00			– – Other	Free	Free
	11D	. .	. . . Strontium and barium		
	19K	. .	. . . Other		
2805.30.00	00E	. .	– Rare-earth metals, scandium and yttrium, whether or not intermixed or interalloyed	Free	Free
2805.40.00	00J	. .	– Mercury	Free	Free
II.-INORGANIC ACIDS AND INORGANIC OXYGEN COMPOUNDS OF NON-METALS					
28.06	Hydrogen chloride (hydrochloric acid); chlorosulphuric acid:				
2806.10.00	10C	kg	– Hydrogen chloride (hydrochloric acid)	Free	Free
2806.20.00	00K	kg	– Chlorosulphuric acid	Free	Free
28.07	Sulphuric acid; oleum				
2807.00.00	00L	kg		Free	Free
28.08	Nitric acid; sulphonitric acids				
2808.00.00	00J	kg		Free	Free
28.09	Diphosphorus pentoxide; phosphoric acid, polyphosphoric acids, whether or not chemically defined:				
2809.10.00	00L	kg	– Diphosphorus pentoxide	Free	Free
2809.20.00	00D	kg	– Phosphoric acid and polyphosphoric acids	Free	Free
28.10	Oxides of boron; boric acids				
2810.00.00	00L	kg		Free	Free

*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Inorganic chemicals; organic or inorganic compounds of precious metals, of rare-earth metals, of radioactive elements or of isotopes—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
28.11			Other inorganic acids and other inorganic oxygen compounds of non-metals:		
			– Other inorganic acids:		
2811.11.00	00G	kg	-- Hydrogen fluoride (hydrofluoric acid)	Free	Free
2811.19.00			-- Other	Free	Free
	01A	kg	. . . Acids of arsenic		
	03H	kg	. . . Acids of iodine		
	05D	kg	. . . Acids of phosphorous		
	10L	kg	. . . Hydrogen cyanide		
	19D	kg	. . . Other		
			– Other inorganic oxygen compounds of non-metals:		
2811.21.00	00L	kg	-- Carbon dioxide	Free	Free
2811.22.00	00E	kg	-- Silicon dioxide	Free	Free
2811.29.00			-- Other	Free	Free
	01E	kg	. . . Arsenic trioxide, arsenic pentaoxide		
	11B	kg	. . . Nitrous oxide		
	15E	kg	. . . Sulphur dioxide		
	19H	kg	. . . Other		
			III.-HALOGEN OR SULPHUR COMPOUNDS OF NON-METALS		
28.12			Halides and halide oxides of non-metals:		
2812.10.00		kg	– Chlorides and chloride oxides	Free	Free
	10H	kg	. . Arsenic trichloride		
	15J	kg	. . Carbonyl dichloride (phosgene)		
	19A	kg	. . Phosphorus oxychloride		
	25F	kg	. . Phosphorus trichloride		
	29J	kg	. . Phosphorus pentachloride		
	35C	kg	. . Sulphur monochloride		
	39F	kg	. . Sulphur dichloride		
	45L	kg	. . Thionyl chloride		
	49C	kg	. . Other		
2812.90.00	00K	kg	– Other	Free	Free
28.13			Sulphides of non-metals; commercial phosphorus trisulphide:		
2813.10.00	00J	kg	– Carbon disulphide	Free	Free
2813.90.00	00H	kg	– Other	Free	Free
			IV.-INORGANIC BASES AND OXIDES, HYDROXIDES AND PEROXIDES OF METALS		
28.14			Ammonia, anhydrous or in aqueous solution:		
2814.10.00	00G	kg	– Anhydrous ammonia	Free	Free
2814.20.00	00L	kg	– Ammonia in aqueous solution	Free	Free
28.15			Sodium hydroxide (caustic soda); potassium hydroxide (caustic potash); peroxides of sodium or potassium:		
			– Sodium hydroxide (caustic soda):		
2815.11.00	00K	kg	-- Solid	Free	Free
2815.12.00	00D	kg	-- In aqueous solution (soda lye or liquid soda)	Free	Free
2815.20.00	00J	kg	– Potassium hydroxide (caustic potash)	Free	Free
2815.30.00	00B	kg	– Peroxides of sodium or potassium	Free	Free
28.16			Hydroxide and peroxide of magnesium; oxides, hydroxides and peroxides, of strontium or barium:		
2816.10.00	00C	kg	– Hydroxide and peroxide of magnesium	Free	Free
2816.40.00			– Oxides, hydroxides and peroxides, of strontium or barium	Free	Free
	11K	kg	. . Of strontium		
	19E	kg	. . Of barium		
28.17			Zinc oxide; zinc peroxide		
2817.00.00			. Zinc oxide	Free	Free
	01F	kg	. Zinc peroxide		
	09A	kg	. Zinc peroxide		
28.18			Artificial corundum, whether or not chemically defined; aluminium oxide; aluminium hydroxide:		
2818.10.00	00K	kg	– Artificial corundum, whether or not chemically defined	Free	Free
2818.20.00	00C	tne	– Aluminium oxide, other than artificial corundum	Free	Free
2818.30.00	00G	tne	– Aluminium hydroxide	Free	Free

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Inorganic chemicals; organic or inorganic compounds of precious metals, of rare-earth metals, of radioactive elements or of isotopes—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
28.19			Chromium oxides and hydroxides:		
2819.10.00	00H	kg	– Chromium trioxide	Free	Free
2819.90.00	00G	kg	– Other	Free	Free
28.20			Manganese oxides:		
2820.10.00	00A	kg	– Manganese dioxide	Free	Free
2820.90.00	00L	kg	– Other	Free	Free
28.21			Iron oxides and hydroxides; earth colours containing 70 % or more by weight of combined iron evaluated as Fe₂O₃:		
2821.10.00	00K	kg	– Iron oxides and hydroxides	Free	Free
2821.20.00	00C	kg	– Earth colours	Free	Free
28.22					
2822.00.00	00D	kg	Cobalt oxides and hydroxides; commercial cobalt oxides	Free	Free
28.23					
2823.00.00	00B	kg	Titanium oxides	Free	Free
28.24			Lead oxides; red lead and orange lead:		
2824.10.00	00D	kg	– Lead monoxide (litharge, massicot)	Free	Free
2824.90.00			– Other	Free	Free
	10L	kg	. . . Red lead and orange lead		
	15A	kg	. . . Other		
28.25			Hydrazine and hydroxylamine and their inorganic salts; other inorganic bases; other metal oxides, hydroxides and peroxides:		
2825.10.00	00B	kg	– Hydrazine and hydroxylamine and their inorganic salts	Free	Free
2825.20.00	00F	kg	– Lithium oxide and hydroxide	Free	Free
2825.30.00	00K	kg	– Vanadium oxides and hydroxides	Free	Free
2825.40.00	00C	kg	– Nickel oxides and hydroxides	Free	Free
2825.50.00	00G	kg	– Copper oxides and hydroxides	Free	Free
2825.60.00	00L	kg	– Germanium oxides and zirconium dioxide	Free	Free
2825.70.00	00D	kg	– Molybdenum oxides and hydroxides	Free	Free
2825.80.00	00H	kg	– Antimony oxides	Free	Free
2825.90.00	10J	kg	– Other	Free	Free
			V.-SALTS AND PEROXYSALTS, OF INORGANIC ACIDS AND METALS		
28.26			Fluorides; fluorosilicates, fluoroaluminates and other complex fluorine salts:		
			– Fluorides:		
2826.12.00	00K	kg	-- Of aluminium	Free	Free
2826.19.00			-- Other	Free	Free
	10J	kg	. . . Of ammonium or of sodium		
	15K	kg	. . . Other		
2826.30.00	00H	kg	– Sodium hexafluoroaluminate (synthetic cryolite)	Free	Free
2826.90.00			– Other	Free	Free
	10G	kg	. . . Fluorosilicates of sodium or of potassium		
	15H	kg	. . . Other		
28.27			Chlorides, chloride oxides and chloride hydroxides; bromides and bromide oxides; iodides and iodide oxides:		
2827.10.00	00J	kg	– Ammonium chloride	Free	Free
2827.20.00	00B	kg	– Calcium chloride	Free	Free
			– Other chlorides:		
2827.31.00	00L	kg	-- Of magnesium	Free	Free
2827.32.00	00E	kg	-- Of aluminium	Free	Free
2827.35.00	00J	kg	-- Of nickel	Free	Free
2827.39.00			-- Other	Free	Free
	10D	kg	. . . Of iron		
	13J	kg	. . . Of cobalt		
	15E	kg	. . . Of zinc		
	21K	kg	. . . Of tin		
	23F	kg	. . . Of barium		
	27J	kg	. . . Other		

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Inorganic chemicals; organic or inorganic compounds of precious metals, of rare-earth metals, of radioactive elements or of isotopes—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
Chlorides, chloride oxides and chloride hydroxides, etc.—continued					
– Chloride oxides and chloride hydroxides:					
2827.41.00	00D	kg	-- Of copper	Free	Free
2827.49.00	10H	kg	-- Other	Free	Free
– Bromides and bromide oxides:					
2827.51.00	00H	kg	-- Bromides of sodium or of potassium	Free	Free
2827.59.00	00D	kg	-- Other	Free	Free
2827.60.00	10D	kg	– Iodides and iodide oxides	Free	Free
28.28	Hypochlorites; commercial calcium hypochlorite; chlorites; hypobromites:				
2828.10.00	00G	kg	– Commercial calcium hypochlorite and other calcium hypochlorites	Free	Free
2828.90			– Other:		
2828.90.01	00B	l	-- Sodium hypochlorite	5	AAN Free CN Free LDC 4 TH Free TPA Free
2828.90.09	00C	kg	-- Other hypochlorites; chlorites and hypobromites	Free	Free
28.29	Chlorates and perchlorates; bromates and perbromates; iodates and periodates:				
– Chlorates:					
2829.11.00	00K	kg	-- Of sodium	Free	Free
2829.19.00	00F	kg	-- Other	Free	Free
2829.90.00	00D	kg	– Other	Free	Free
28.30	Sulphides; polysulphides, whether or not chemically defined:				
2830.10.00	00J	kg	– Sodium sulphides	Free	Free
2830.90.00			– Other	Free	Free
	10E	kg	. . . Zinc sulphide		
	14H	kg	. . . Cadmium sulphide		
	19J	kg	. . . Other		
28.31	Dithionites and sulphonylates:				
2831.10.00	00G	kg	– Of sodium	Free	Free
2831.90.00	00F	kg	– Other	Free	Free
28.32	Sulphites; thiosulphates:				
2832.10.00	00E	kg	– Sodium sulphites	Free	Free
2832.20.00	00J	kg	– Other sulphites	Free	Free
2832.30.00	00B	kg	– Thiosulphates	Free	Free
28.33	Sulphates; alums; peroxosulphates (persulphates):				
– Sodium sulphates:					
2833.11.00	00H	kg	-- Disodium sulphate	Free	Free
2833.19.00	00D	kg	-- Other	Free	Free
– Other sulphates:					
2833.21.00	00A	kg	-- Of magnesium	Free	Free
2833.22.00	00F	kg	-- Of aluminium	5	Free AAN Free CN Free TH Free TPA Free
2833.24.00	00E	kg	-- Of nickel	Free	Free
2833.25.00	00K	kg	-- Of copper	5	Free AAN Free CN Free TH Free TPA Free
2833.27.00	00J	kg	-- Of barium	Free	Free
2833.29.00			-- Other	Free	Free
	10E	kg	. . . Of chromium		
	15F	kg	. . . Of zinc		
	25C	kg	. . . Ferrous sulphate		
	29F	kg	. . . Other		

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Inorganic chemicals; organic or inorganic compounds of precious metals, of rare-earth metals, of radioactive elements or of isotopes—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
Sulphates; alums; peroxosulphates (persulphates)—continued					
2833.30.00	00L	kg	– Alums	Free	Free
2833.40.00	00D	kg	– Peroxosulphates (persulphates)	Free	Free
28.34 Nitrites; nitrates:					
2834.10.00	00A	kg	– Nitrites	Free	Free
– Nitrates:					
2834.21.00	00K	kg	– – Of potassium	Free	Free
2834.29.00			– – Other	Free	Free
	10C	kg	. . . Calcium Nitrate		
	15D	kg	. . . Of bismuth		
	19G	kg	. . . Other		
28.35 Phosphinates (hypophosphites), phosphonates (phosphites) and phosphates; polyphosphates, whether or not chemically defined:					
2835.10.00	00K	kg	– Phosphinates (hypophosphites) and phosphonates (phosphites)	Free	Free
– Phosphates:					
2835.22.00			– – Of mono- or disodium	Free	Free
	01L	kg	. . . Of mono-sodium		
			. . . Of disodium:		
	11H	kg	. . . . Sodium phosphate dibasic; disodium dihydrogen pyrophosphate		
	19C	kg	. . . . Other		
2835.24.00	00A	kg	– – Of potassium	Free	Free
2835.25.00	00F	kg	– – Calcium hydrogenorthophosphate (“dicalcium phosphate”)	Free	Free
2835.26.00			– – Other phosphates of calcium	Free	Free
	01J	kg	. . . Calcium biphosphate		
	09D	kg	. . . Other		
2835.29.00			– – Other	Free	Free
	10A	kg	. . . Of trisodium		
	15B	kg	. . . Of triammonium		
	19E	kg	. . . Other		
– Polyphosphates:					
2835.31.00	00A	kg	– – Sodium triphosphate (sodium tripolyphosphate)	Free	Free
2835.39.00	10E	kg	– – Other	Free	Free
28.36 Carbonates; peroxocarbonates (percarbonates); commercial ammonium carbonate containing ammonium carbamate:					
2836.20.00	00A	kg	– Disodium carbonate	Free	Free
2836.30.00	00E	kg	– Sodium hydrogencarbonate (sodium bicarbonate)	Free	Free
2836.40.00	00J	kg	– Potassium carbonates	Free	Free
2836.50.00	00B	kg	– Calcium carbonate	Free	Free
2836.60.00	00F	kg	– Barium carbonate	Free	Free
– Other:					
2836.91.00	00A	kg	– – Lithium carbonates	Free	Free
2836.92.00	00F	kg	– – Strontium carbonate	Free	Free
2836.99.00			– – Other	Free	Free
	10E	kg	. . . Commercial ammonium carbonate and other ammonium carbonates		
	15F	kg	. . . Lead carbonate		
	25C	kg	. . . Bismuth carbonate		
	29F	kg	. . . Other		
28.37 Cyanides, cyanide oxides and complex cyanides:					
– Cyanides and cyanide oxides:					
2837.11.00	00L	kg	– – Of sodium	Free	Free
2837.19.00	10D	kg	– – Other	Free	Free
2837.20.00	10G	kg	– Complex cyanides	Free	Free
28.39 Silicates; commercial alkali metal silicates:					
– Of sodium:					
2839.11.00	00G	kg	– – Sodium metasilicates	Free	Free
2839.19.00	00C	kg	– – Other	Free	Free

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Inorganic chemicals; organic or inorganic compounds of precious metals, of rare-earth metals, of radioactive elements or of isotopes—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			Silicates; commercial alkali metal silicates—continued		
2839.90.00			– Other	Free	Free
	10J	kg	. . . Of potassium		
	19B	kg	. . . Other		
28.40			Borates; peroxoborates (perborates):		
			– Disodium tetraborate (refined borax):		
2840.11.00	00L	kg	-- Anhydrous	Free	Free
2840.19.00	00G	kg	-- Other	Free	Free
2840.20.00			– Other borates	Free	Free
	01H	kg	. . . Of sodium		
	09C	kg	. . . Other		
2840.30.00	00C	kg	– Peroxoborates (perborates)	Free	Free
28.41			Salts of oxometallic or peroxometallic acids:		
2841.30.00	00A	kg	– Sodium dichromate	Free	Free
2841.50.00			– Other chromates and dichromates; peroxochromates	Free	Free
	11D	kg	. . . Potassium dichromate		
	15G	kg	. . . Chromates of zinc or lead		
	23H	kg	. . . Other		
			– Manganites, manganates and permanganates:		
2841.61.00	00G	kg	-- Potassium permanganate	Free	Free
2841.69.00	00C	kg	-- Other	Free	Free
2841.70.00	00F	kg	– Molybdates	Free	Free
2841.80.00	00K	kg	– Tungstates (wolframates)	Free	Free
2841.90.00			– Other	Free	Free
	10L	kg	. . . Aluminates		
	19D	kg	. . . Other		
28.42			Other salts of inorganic acids or peroxyacids (including aluminosilicates whether or not chemically defined), other than azides:		
2842.10.00	10K	kg	– Double or complex silicates, including aluminosilicates whether or not chemically pure	Free	Free
2842.90.00			– Other	Free	Free
	01K	kg	. . . Arsenites and arsenates		
	10J	kg	. . . Fulminates, cyanates and thiocyanates		
	19B	kg	. . . Other		
28.43			VI.-MISCELLANEOUS		
			Colloidal precious metals; inorganic or organic compounds of precious metals, whether or not chemically defined; amalgams of precious metals:		
2843.10.00	00L	. .	– Colloidal precious metals	Free	Free
			– Silver compounds:		
2843.21.00	00J	g	-- Silver nitrate	5	AAN Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
2843.29.00			-- Other	Free	Free
	01C	. .	. . . . Silver cyanide		
	09J	. .	. . . . Other		
2843.30.00	00H	. .	– Gold compounds	Free	Free
2843.90.00	10G	. .	– Other	Free	Free
28.44			Radioactive chemical elements and radioactive isotopes (including the fissile or fertile chemical elements and isotopes) and their compounds; mixtures and residues containing these products:		
2844.10.00	00J	. .	– Natural uranium and its compounds; alloys, dispersions (including cermet), ceramic products and mixtures containing natural uranium or natural uranium compounds	Free	Free

*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Inorganic chemicals; organic or inorganic compounds of precious metals, of rare-earth metals, of radioactive elements or of isotopes—*continued*

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			Radioactive chemical elements and radioactive, etc.—<i>continued</i>		
2844.20.00	00B	..	– Uranium enriched in U 235 and its compounds; plutonium and its compounds; alloys, dispersions (including cermets), ceramic products and mixtures containing uranium enriched in U 235, plutonium or compounds of these products	Free	Free
2844.30.00	00F	..	– Uranium depleted in U 235 and its compounds; thorium and its compounds; alloys, dispersions (including cermets), ceramic products and mixtures containing uranium depleted in U 235, thorium or compounds of these products	Free	Free
2844.40.00			– Radioactive elements and isotopes and compounds other than those of subheading 2844.10, 2844.20 or 2844.30; alloys, dispersions (including cermets), ceramic products and mixtures containing these elements, isotopes or compounds; radioactive residues	Free	Free
	01H	..	. . . Sealed		
	02F	..	. . . Unsealed		
2844.50.00	00C	..	– Spent (irradiated) fuel elements (cartridges) of nuclear reactors	Free	Free
28.45			Isotopes other than those of heading 28.44; compounds, inorganic or organic, of such isotopes, whether or not chemically defined:		
2845.10.00	00G	..	– Heavy water (deuterium oxide)	Free	Free
2845.90.00	00F	..	– Other	Free	Free
28.46			Compounds, inorganic or organic, of rare-earth metals, of yttrium or of scandium or of mixtures of these metals:		
2846.10.00	00E	..	– Cerium compounds	Free	Free
2846.90.00	00D	..	– Other	Free	Free
28.47					
2847.00.00	00K	kg	Hydrogen peroxide, whether or not solidified with urea	Free	Free
28.48					
2848.00.00			Phosphides, whether or not chemically defined, excluding ferrophosphorus	Free	Free
	01F	kg	. Of copper (phosphor copper), containing more than 15% by weight of phosphorus		
	10E	kg	. Of other metals or of non-metals		
28.49			Carbides, whether or not chemically defined:		
2849.10.00	00K	kg	– Of calcium	Free	Free
2849.20.00	00C	kg	– Of silicon	Free	Free
2849.90.00	10F	kg	– Other	Free	Free
28.50					
2850.00.00	10G	kg	Hydrides, nitrides, azides, silicides and borides, whether or not chemically defined, other than compounds which are also carbides of heading 28.49	Free	Free
28.52					
2852.00			Compounds, inorganic or organic, of mercury, excluding amalgams: – Chemical preparations for photographic uses, of mercury; unmixed products for photographic uses, of mercury:		
2852.00.01	00B	..	– – Flash light materials	Free	Free
2852.00.05	00H	..	– – Other, excluding sensitising emulsions	5	AAN 1/2010 Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free

*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 28—*continued*

Inorganic chemicals; organic or inorganic compounds of precious metals, of rare-earth metals, of radioactive elements or of isotopes—*continued*

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
Compounds, inorganic or organic, of mercury, etc.—<i>continued</i>					
– Diagnostic or laboratory reagents, of mercury:					
– – On a backing of paper:					
2852.00.09	00C	kg	– – – In rolls or sheets	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
2852.00.11	00H	..	– – – Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
2852.00.13	00L	..	– – On a backing of plastics	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
2852.00.15	00C	..	– – Other	Free	Free
2852.00.19	00J	..	– Other	Free	Free
28.53					
2853.00.00			Other inorganic compounds (including distilled or conductivity water and water of similar purity); liquid air (whether or not rare gases have been removed); compressed air; amalgams, other than amalgams of precious metals	Free	Free
	10A	kg	. Cyanogen chloride		
	19E	..	. Other		

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*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.