

Section VI - Chapter 38

Miscellaneous Chemical Products

Notes

1. This chapter does not cover:
 - (a). Separate chemically defined elements or compounds with the exception of the following:
 - (1). Artificial graphite (heading 3801);
 - (2). Insecticides, rodenticides, fungicides, herbicides, antisprouting products and plant-growth regulators, disinfectants and similar products put up as described in heading 3808;
 - (3). Products put up as charges for fire-extinguishers or put up in fire-extinguishing grenades (heading 3813);
 - (4). Certified reference materials specified in note 2 below;
 - (5). Products specified in note (3a) or (3c) below.
 - (b). Mixtures of chemicals with foodstuffs or other substances with nutritive value, of a kind used in the preparation of human foodstuffs (generally, heading 2106);
 - (c). Products of heading 2404;
 - (d). Slag, ash and residues (including sludge, other than sewage sludge), containing metals, arsenic or their mixtures and meeting the requirements of note (3a) or (3b) to chapter 26 (heading 2620);
 - (e). Medicaments (heading 3003 or 3004); or
 - (f). Spent catalysts of a kind used for the extraction of base metals or for the manufacture of chemical compounds of base metals (heading 2620), spent catalysts of a kind used principally for the recovery of precious metal (heading 7112) or catalysts consisting of metals or metal alloys in the form of, for example, finely divided powder or woven gauze (section XIV or XV).
2. (a). For the purposes of heading 3822, the expression "certified reference materials" means reference materials which are accompanied by a certificate which indicates the values of the certified properties, the methods used to determine these values and the degree of certainty associated with each value and which are suitable for analytical, calibrating or referencing purposes.
- (b). With the exception of the products of chapter 28 or 29, for the classifications of certified reference materials, heading 3822 shall take precedence over any other heading in the Schedule B.
3. Heading 3824 includes the following goods which are not to be classified in any other heading of the export schedule:
 - (a). Cultured crystals (other than optical elements) weighing not less than 2.5 g each, of magnesium oxide or of the halides of the alkali or alkaline-earth metals;
 - (b). Fusel oil; Dippel's oil;

- (c). Ink removers put up in packings for retail sale;
 - (d). Stencil correctors and other correcting fluids and correction tapes (other than those of heading 9612), put up in packings for retail sale; and
 - (e). Ceramic firing testers, fusible (for example, Seger cones).
4. Throughout the Schedule B, “municipal waste” means waste of a kind collected from households, hotels, restaurants, hospitals, shops, offices, etc., road and pavement sweepings, as well as construction and demolition waste. Municipal waste generally contains a large
- (a). Individual materials or articles segregated from the waste, for example wastes of plastics, rubber, wood, paper, textiles, glass or metals, electrical and electronic waste and scrap (including spent batteries) which fall in their appropriate headings of the Schedule B;
 - (b). Industrial waste;
 - (c). Waste pharmaceuticals, as defined in note 4(k) to chapter 30; or
 - (d). Clinical waste, as defined in note 6(a) below.
5. For the purposes of heading 3825, “sewage sludge” means sludge arising from urban effluent treatment plants and includes pre-treatment waste, scouring and unstabilized sludge. Stabilized sludge, when suitable for use as fertilizer, is excluded (chapter 31).
6. For the purposes of heading 3825, the expression “other wastes” applies to:
- (a). Clinical waste, that is, contaminated waste arising from medical research, diagnosis, treatment or other medical, surgical, dental or veterinary procedures, which often contain pathogens and pharmaceutical substances and require special disposal procedures (for example, soiled dressings, used gloves and used syringes);
 - (b). Waste organic solvents;
 - (c). Wastes of metal pickling liquors, hydraulic fluids, brake fluids and anti-freezing fluids; and
 - (d). Other wastes from chemical or allied industries.

The expression “other wastes” does not, however, cover wastes which contain mainly petroleum oils or oils obtained from bituminous minerals (heading 2710).

7. For the purposes of heading 3826, the term “biodiesel” means mono-alkyl esters of fatty acids of a kind used as a fuel, derived from animal, vegetable or microbial fats and oils whether or not used.

Subheading Notes

1. Subheadings 3808.52 and 3808.59 cover only goods of heading 3808, containing one or more of the following substances: alachlor (ISO); aldicarb (ISO); aldrin (ISO); azinphos-methyl (ISO); binapacryl (ISO); camphechlor (ISO) (toxaphene); captafol (ISO); chlordane (ISO); chlordimeform (ISO); chlorobenzilate (ISO); DDT (ISO) (clofenotane (INN), 1,1,1-trichloro-2,2-bis(p-chlorophenyl)ethane); dieldrin (ISO, INN); 4,6-dinitro-o-cresol (DNOC (ISO)) or its salts; dinoseb (ISO), its salts or its esters; endosulfan (ISO); ethylene dibromide (ISO) (1,2-dibromoethane); ethylene dichloride (ISO) (1,2-dichloroethane); fluoroacetamide (ISO); heptachlor (ISO); hexachlorobenzene (ISO); 1,2,3,4,5,6-hexachlorocyclohexane (HCH (ISO)), including lindane (ISO, INN); mercury compounds; methamidophos (ISO); monocrotophos (ISO); oxirane (ethylene oxide); parathion (ISO); parathion-methyl (ISO) (methylparathion); penta- and octabromodiphenyl ethers; pentachlorophenol (ISO), its salts or its esters; perfluorooctane sulphonic acid and its salts; perfluorooctane sulphonamides; perfluorooctane sulphonyl fluoride; phosphamidon (ISO); 2,4,5-T (ISO) (2,4,5-trichlorophenoxyacetic acid), its salts or its esters; tributyltin compounds; trichlorfon (ISO).

Subheading 3808.59 also covers dustable powder formulations containing a mixture of benomyl (ISO), carbofuran (ISO) and thiram (ISO).

2. Subheadings 3808.61 to 3808.69 cover only goods of heading 3808, containing alpha-cypermethrin (ISO), bendiocarb (ISO), bifenthrin (ISO), chlorfenapyr (ISO), cyfluthrin (ISO), deltamethrin (INN, ISO), etofenprox (INN), fenitrothion (ISO), lambda-cyhalothrin (ISO), malathion (ISO), pirimiphos-methyl (ISO) or propoxur (ISO).
3. Subheadings 3824.81 to 3824.89 cover only mixtures and preparations containing one or more of the following substances: oxirane (ethylene oxide); polybrominated biphenyls (PBBs); polychlorinated biphenyls (PCBs); polychlorinated terphenyls (PCTs); tris(2,3-dibromopropyl) phosphate; aldrin (ISO); camphechlor (ISO) (toxaphene); chlordane (ISO); chlordecone (ISO); DDT (ISO) (clofenotane (INN)); 1,1,1-trichloro-2,2-bis(p-chlorophenyl)ethane); dieldrin (ISO, INN); endosulfan (ISO); endrin (ISO); heptachlor (ISO); mirex (ISO); 1,2,3,4,5,6-hexachlorocyclohexane (HCH (ISO)), including lindane (ISO, INN); pentachlorobenzene (ISO); hexachlorobenzene (ISO); perfluorooctane sulphonic acid, its salts; perfluorooctane sulphonamides; perfluorooctane sulphonyl fluoride; tetra-, penta-, hexa-, hepta- or octabromodiphenyl ethers; short-chain chlorinated paraffins.

Short-chain chlorinated paraffins are mixtures of compounds, with a chlorination degree of more than 48 percent by weight, with the following molecular formula: $C_xH_{(2x-y+2)}Cl_y$, where $x=10-13$ and $y=1-13$

4. For the purposes of subheadings 3825.41 and 3825.49, “waste organic solvents” are wastes containing mainly organic solvents, not fit for further use as presented as primary products, whether or not intended for recovery of the solvents.

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
38	Miscellaneous Chemical Products		
3801	- Artificial graphite; colloidal or semi-colloidal graphite; preparations based on graphite or other carbon in the form of pastes, blocks, plates or other semimanufactures:		
3801.10.0000	-- Artificial graphite	kg	
3801.20.0000	-- Colloidal or semi-colloidal graphite	kg	
3801.30.0000	-- Carbonaceous pastes for electrodes and similar pastes for furnace linings	kg	
3801.90.0000	-- Other	kg	
3802	- Activated carbon; activated natural mineral products; animal black, including spent animal black:		
3802.10.0000	-- Activated carbon	kg	
3802.90	-- Other:		
3802.90.1000	--- Bone black	kg	
3802.90.2000	--- Activated clays and activated earths	kg	
3802.90.5000	--- Other	kg	
3803.00.0000	- Tall oil, whether or not refined	kg	
3804	- Residual lyes from the manufacture of wood pulp, whether or not concentrated, desugared or chemically treated, including lignin sulfonates, but excluding tall oil of heading 3803:		
3804.00.1000	-- Lignin sulfonic acid and its salts	kg	
3804.00.5000	-- Other	kg	
3805	- Gum, wood or sulfate turpentine and other terpenic oils produced by the distillation or other treatment of coniferous woods; crude dipentene; sulfite turpentine and other crude para-cymene; pine oil containing alpha-terpineol as the main constituent:		
3805.10.0000	-- Gum, wood or sulfate turpentine oils	liters	
3805.90	-- Other:		
3805.90.1000	--- Pine oil	kg	
3805.90.5000	--- Other	kg	
3806	- Rosin and resin acids, and derivatives thereof; rosin spirit and rosin oils; run gums:		
3806.10	-- Rosin and resin acids:		
3806.10.0010	--- Gum rosin	kg	
3806.10.0050	--- Other	kg	
3806.20.0000	-- Salts of rosin, of resin acids or of derivatives of rosin or resin acids, other than salts of rosin adducts	kg	
3806.30.0000	-- Ester gums	kg	
3806.90.0000	-- Other	kg	
3807.00.0000	- Wood tar; wood tar oils; wood creosote; wood naphtha; vegetable pitch; brewers' pitch and similar preparations based on rosin, resin acids or on vegetable pitch	kg	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
3808	- Insecticides, rodenticides, fungicides, herbicides, antisprouting products and plant-growth regulators, disinfectants and similar products, put up in forms or packings for retail sale or as preparations or articles (for example, sulfur-treated bands, wicks and candles, and flypapers):		
	- - Goods specified in subheading note 1 to this chapter:		
3808.52.0000	- - - DDT (ISO) (clofenotane (INN)), in packings of a net weight content not exceeding 300 g	kg	
3808.59.0000	- - - Other	kg	
	- - Goods specified in subheading note 2 to this chapter:		
3808.61.0000	- - - In packings of a net weight content not exceeding 300 g	kg	
3808.62.0000	- - - In packings of a net weight content exceeding 300 g but not exceeding 7.5 kg	kg	
3808.69.0000	- - - Other	kg	
	- - Other:		
3808.91.0002	- - - Insecticides	kg	
3808.92.0000	- - - Fungicides	kg	
3808.93.0000	- - - Herbicides, antisprouting products and plant-growth regulators	kg	
3808.94.0000	- - - Disinfectants	kg	
3808.99.0002	- - - Other	kg	
3809	- Finishing agents, dye carriers to accelerate the dyeing or fixing of dyestuffs and other products and preparations (for example, dressings and mordants), of a kind used in the textile, paper, leather or like industries, not elsewhere specified or included:		
3809.10.0000	- - With a basis of amylaceous substances	kg	
	- - Other:		
3809.91.0000	- - - Of a kind used in the textile or like industries	kg	
3809.92.0000	- - - Of a kind used in the paper or like industries	kg	
3809.93.0000	- - - Of a kind used in the leather or like industries	kg	
3810	- Pickling preparations for metal surfaces; fluxes and other auxiliary preparations for soldering, brazing or welding; soldering, brazing or welding powders and pastes consisting of metal and other materials; preparations of a kind used as cores or coatings for welding electrodes or rods:		
3810.10.0000	- - Pickling preparations for metal surfaces; soldering, brazing or welding powders and pastes consisting of metal and other materials	kg	
3810.90.0000	- - Other	kg	
3811	- Antiknock preparations, oxidation inhibitors, gum inhibitors, viscosity improvers, anticorrosive preparations and other prepared additives, for mineral oils (including gasoline) or for other liquids used for the same purposes as mineral oils:		
	- - Antiknock preparations:		

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
3811.11.0000	- - - Based on lead compounds	kg	
3811.19.0000	- - - Other	kg	
	- - Additives for lubricating oils:		
3811.21.0000	- - - Containing petroleum oils or oils obtained from bituminous minerals	kg	
3811.29.0000	- - - Other	kg	
3811.90.0000	- - Other	kg	
3812	- Prepared rubber accelerators; compound plasticizers for rubber or plastics not elsewhere specified or included, antioxidizing preparations and other compound stabilizers for rubber or plastics:		
3812.10.0000	- - Prepared rubber accelerators	kg	
3812.20.0000	- - Compound plasticizers for rubber or plastics	kg	
	- - Antioxidizing preparations and other compound stabilizers for rubber or plastics:		
3812.31.0000	- - - Mixtures of oligomers of 2,2,4-trimethyl-1,2-dihydro-quinoline (TMQ)	kg	
3812.39.0000	- - - Other	kg	
3813.00.0000	- Preparations and charges for fire-extinguishers; charged fire-extinguishing grenades	kg	
3814.00.0000	- Organic composite solvents and thinners, not elsewhere specified or included; prepared paint or varnish removers	kg	
3815	- Reaction initiators, reaction accelerators and catalytic preparations, not elsewhere specified or included:		
	- - Supported catalysts:		
3815.11.0000	- - - With nickel or nickel compounds as the active substance	kg	
3815.12.0000	- - - With precious metal or precious metal compounds as the active substance	kg	
3815.19.0000	- - - Other	kg	
3815.90.0000	- - Other	kg	
3816	- Refractory cements, mortars, concretes and similar compositions, other than products of heading 3801:		
3816.00.1000	- - Dolomite ramming mix	t	
	- - Other:		
3816.00.2010	- - - Clay	kg	
3816.00.2050	- - - Other	kg	
3817	- Mixed alkylbenzenes and mixed alkyl-naphthalenes, other than those of heading 2707 or 2902:		
3817.00.1250	- - Mixed alkylbenzenes	kg	
3817.00.2000	- - Mixed alkyl-naphthalenes	kg	
3818.00.0000	- Chemical elements doped for use in electronics, in the form of discs, wafers or similar forms; chemical compounds doped for use in electronics	kg	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
3819.00.0000	- Hydraulic brake fluids and other prepared liquids for hydraulic transmission, not containing or containing less than 70 percent by weight of petroleum oils or oils obtained from bituminous minerals	kg	
3820.00.0000	- Antifreezing preparations and prepared deicing fluids	kg	
3821.00.0000	- Prepared culture media for development or maintenance of microorganisms (including viruses and the like) or of plant, human or animal cells	kg	
3822	- Diagnostic or laboratory reagents on a backing, prepared diagnostic or laboratory reagents whether or not on a backing, whether or not put up in the form of kits, other than those of heading 3006; certified reference materials: - - Diagnostic or laboratory reagents on a backing, prepared diagnostic or laboratory reagents whether or not on a backing, whether or not put up in the form of kits:		
3822.11.0000	- - - For malaria	kg	
3822.12.0000	- - - For Zika and other diseases transmitted by mosquitoes of the genus Aedes	kg	
3822.13.0000	- - - For blood-grouping	kg	
3822.19.0000	- - - Other	kg	
3822.90.0000	- - Certified reference materials	kg	
3823	- Industrial monocarboxylic fatty acids; acid oils from refining; industrial fatty alcohols: - - Industrial monocarboxylic fatty acids; acid oils from refining:		
3823.11.0000	- - - Stearic acid	kg	
3823.12.0000	- - - Oleic acid	kg	
3823.13.0000	- - - Tall oil fatty acids	kg	
3823.19	- - - Other:		
3823.19.2000	- - - - Derived from coconut, palm-kernel or palm oil	kg	
3823.19.4000	- - - - Other	kg	
3823.70	- - Industrial fatty alcohols: - - - Derived from fatty substances of animal or vegetable origin:		
3823.70.2000	- - - - Oleyl alcohol	kg	
3823.70.4000	- - - - Other	kg	
3823.70.6000	- - - Other	kg	
3824	- Prepared binders for foundry molds or cores; chemical products and preparations of the chemical or allied industries (including those consisting of mixtures of natural products), not elsewhere specified or included:		
3824.10.0000	- - Prepared binders for foundry molds or cores	kg	
3824.30.0000	- - Nonagglomerated metal carbides mixed together or with metallic binders	kg	
3824.40.0000	- - Prepared additives for cements, mortars or concretes	kg	
3824.50	- - Nonrefractory mortars and concretes:		

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
3824.50.0010	--- Wet	t	
3824.50.0050	--- Other	t	
3824.60.0000	-- Sorbitol other than that of subheading 2905.44	kg	
	-- Goods specified in subheading note 3 to this chapter:		
3824.81.0000	--- Containing oxirane (ethylene oxide)	kg	
3824.82.0000	--- Containing polychlorinated biphenyls (PCBs), polychlorinated terphenyls (PCTs) or polybrominated biphenyls (PBBs)	kg	
3824.83.0000	--- Containing tris (2,3-dibromopropyl) phosphate	kg	
3824.84.0000	--- Containing aldrin (ISO), camphechlor (ISO) (toxaphene), chlordane (ISO), chlordecone (ISO), DDT (ISO) (clofenotane (INN), 1,1,1-trichloro-2,2-bis(p-chlorophenyl)ethane), dieldrin (ISO,INN), endosulfan (ISO), endrin (ISO), heptachlor (ISO) or mirex (ISO)	kg	
3824.85.0000	--- Containing 1,2,3,4,5,6-hexachloro-cyclohexane (HCH(ISO)), including lindane (ISO,INN)	kg	
3824.86.0000	--- Containing pentachlorobenzene (ISO) or hexachlorobenzene (ISO)	kg	
3824.87.0000	--- Containing perfluorooctane sulfonic acid, its salts, perfluorooctane sulfonamides, or perfluorooctane sulfonyl fluoride	kg	
3824.88.0000	--- Containing tetra-, penta-, hexa-, hepta- or octabromodiphenyl ethers	kg	
3824.89.0000	--- Containing short-chain chlorinated paraffins	kg	
	-- Other:		
3824.91.0000	--- Mixtures and preparations consisting mainly of (5-ethyl-2-methyl-2-oxido-1,3,2-dioxaphosphinan-5-yl)methyl methyl methylphosphonate and bis[(5-ethyl-2-methyl-2-oxido-1,3,2-dioxaphosphinan-5-yl)methyl] methylphosphonate	kg	
3824.92.0000	--- Polyglycol esters of methylphosphonic acid	kg	
3824.99	--- Other:		
	---- Cultured crystals (other than optical elements of chapter 90), weighing not less than 2.5 g each:		
3824.99.1100	----- In the form of ingots	kg	
3824.99.1900	----- Other	kg	
	---- Other:		
3824.99.4100	----- Fatty substances of animal or vegetable origin and mixtures thereof	kg	
	----- Other:		
	----- Mixtures of halogenated hydrocarbons:		
3824.99.5000	----- Chlorinated but not otherwise halogenated	kg	
3824.99.5595	----- Other	kg	
	----- Other:		
3824.99.7500	----- Naphthenic acids, their water insoluble salts and their esters	kg	
	----- Other:		

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
	----- Mixtures of acyclic, monohydric, unsubstituted alcohols:		
3824.99.9310	----- Containing C11 or lower alcohols only	kg	
3824.99.9340	----- Other	kg	
3824.99.9361	----- Mixtures consisting mainly of chemicals containing a phosphorus atom to which is bonded one methyl, ethyl, n-propyl or isopropyl group, but no other carbon atoms	kg	
3824.99.9370	----- Other	kg	
3825	- Residual products of the chemical or allied industries, not elsewhere specified or included; municipal waste; sewage sludge; other wastes specified in note 6 to this chapter:		
3825.10.0100	-- Municipal waste	kg	
3825.20.0000	-- Sewage sludge	kg	
3825.30.0000	-- Clinical waste	kg	
	-- Waste organic solvents:		
3825.41.0000	--- Halogenated	kg	
3825.49.0000	--- Other	kg	
3825.50.0000	-- Waste of metal-pickling liquors, hydraulic fluids, brake fluids, and anti-freeze fluids	kg	
	-- Other wastes from the chemical or allied industries:		
3825.61.0000	--- Mainly containing organic constituents	kg	
3825.69.0000	--- Other	kg	
3825.90.0100	-- Other	kg	
3826.00.0000	- Biodiesel and mixtures thereof, not containing or containing less than 70% by weight of petroleum oils or oils obtained from bituminous materials	kg	
3827	- Mixtures containing halogenated derivatives of methane, ethane or propane, not elsewhere specified or included:		
	-- Containing chlorofluorocarbons (CFCs), whether or not containing hydrochlorofluorocarbons (HCFCs), perfluorocarbons (PFCs) or hydrofluorocarbons (HFCs); containing hydrobromofluorocarbons (HBFCs); containing carbon tetrachloride; containing 1,1,1-trichloroethane (methyl chloroform):		
3827.11.0000	--- Containing chlorofluorocarbons (CFCs), whether or not containing hydrochlorofluorocarbons (HCFCs), perfluorocarbons (PFCs) or hydrofluorocarbons (HFCs)	kg	
3827.12.0000	--- Containing hydrobromofluorocarbons (HBFCs)	kg	
3827.13.0000	--- Containing carbon tetrachloride	kg	
3827.14.0000	--- Containing 1,1,1-trichloroethane (methyl chloroform)	kg	
3827.20.0000	--- Containing bromochlorodifluoromethane (Halon-1211), bromotrifluoromethane (Halon-1301) or dibromotetrafluoroethanes (Halon-2402)	kg	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
	--- Containing hydrochlorofluorocarbons (HCFCs), whether or not containing perfluorocarbons (PFCs) or hydrofluorocarbons (HFCs), but not containing chlorofluorocarbons (CFCs):		
3827.31.0000	---- Containing substances of subheadings 2903.41 to 2903.48	kg	
3827.32.0000	---- Other, containing substances of subheadings 2903.71 to 2903.75	kg	
3827.39.0000	---- Other	kg	
3827.40.0000	--- Containing methyl bromide (bromomethane) or bromochloromethane	kg	
	--- Containing trifluoromethane (HFC-23) or perfluorocarbons (PFCs) but not containing chlorofluorocarbons (CFCs) or hydrochlorofluorocarbons (HCFCs):		
3827.51.0000	---- Containing trifluoromethane (HFC-23)	kg	
3827.59.0000	---- Containing perfluorocarbons (PFCs) but not containing chlorofluorocarbons (CFCs) or hydrochlorofluorocarbons (HCFCs)	kg	
	--- Containing other hydrofluorocarbons (HFCs) but not containing chlorofluorocarbons (CFCs) or hydrochlorofluorocarbons (HCFCs):		
3827.61.0000	---- Containing 15 percent or more by mass of 1,1,1-trifluoroethane (HFC-143a)	kg	
3827.62.0000	---- Other, not included in the subheading above, containing 55 percent or more by mass of pentafluoroethane (HFC-125) but not containing unsaturated fluorinated derivatives of acyclic hydrocarbons (HFOs)	kg	
3827.63.0000	---- Other, not included in the subheadings above, containing 40 percent or more by mass of pentafluoroethane (HFC-125)	kg	
3827.64.0000	---- Other, not included in the subheadings above, containing 30 percent or more by mass of 1,1,1,2-tetrafluoroethane (HFC-134a) but not containing unsaturated fluorinated derivatives of acyclic hydrocarbons (HFOs)	kg	
3827.65.0000	---- Other, not included in the subheadings above, containing 20 percent or more by mass of difluoromethane (HFC-32) and 20 percent or more by mass of pentafluoroethane (HFC-125)	kg	
3827.68.0000	---- Other, not included in the subheadings above, containing substances of subheadings 2903.41 to 2903.48	kg	
3827.69.0000	---- Other	kg	
3827.90.0000	--- Other	kg	